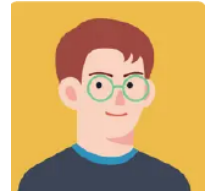


# Meel Li

Male | Age: 33 | 18509943125 | 18509943125@163.com  
11 years of experience | Target Position: Java / Blockchain Engineer |  
Preferred City: Urumqi



## Personal Strengths

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Proficient in using AI agents such as Claude Code, Codex, Gemini, and Tongyi Qianwen to assist software development.

One year of Vibe Coding experience, with hands-on deployment and usage experience in OpenClaw.

Experienced in project management and cross-regional team management; led projects end-to-end from 0 to 1, covering requirement research through delivery and pilot operation.

Possesses full-stack development capability and can quickly pick up, write, and modify unfamiliar programming languages. Has personal insights into common underlying design concepts shared across programming languages, such as design patterns, locking, and pooling.

Extensive experience in large-scale projects in the environmental protection sector and for government organizations; familiar with common middleware, as well as tools for development, design, and project management; able to quickly learn new technologies and apply them in real engineering projects.

Detailed technical stack as follows

Java:

1. Proficient in core Java foundations including I/O, multithreading, and collections; understands JVM internals, garbage collection, and tuning techniques.
2. Familiar with common Java design patterns and the underlying principles of commonly used data structures; experienced in in-depth source-code reading.
3. Proficient with the Spring ecosystem and mainstream ORM frameworks such as Hibernate and MyBatis-Plus for web product development.
4. Proficient in SQL Server and MySQL, including architecture design, tuning, and high-performance SQL writing.
5. Familiar with Redis operations, its underlying mechanisms, and solutions to common issues.
6. Proficient in day-to-day Linux operations and Docker containerization.
7. Familiar with FineReport and ECharts for report and chart development, as well as middleware such as Nginx and Kafka.
8. Familiar with tools commonly used across software development processes, including Maven, Git, SVN, Project, Visio, Axure, PowerDesigner, JMeter, and AppScan.
9. Familiar with common code review tools such as DeepSource and the Alibaba Java Coding Guidelines, and has participated in open-source communities.
10. Capable of normal business development in HTML, JavaScript, CSS, and Vue; able to read, write, and modify React and Objective-C code.

Blockchain:

1. Proficient in the underlying architecture and implementation principles of Fabric, with the ability to implement typical consortium-chain business systems in Java and Golang.
2. Understands the underlying principles of Bitcoin, including distributed ledgers, consensus mechanisms, smart contracts, and cryptographic algorithms.
3. Has a working understanding of IPFS, oracles, and cross-chain technologies, and understands the solutions to classic issues such as forks and double-spending.
4. Able to implement smart contracts in Java and Golang based on commonly used Ethereum standards such as ERC20, ERC721, and ERC1155.
5. Familiar with domestic consortium-chain platforms such as WeCross, FISCO-BCOS, and ChainMaker.

PS: Submitted PRs and issues to the open-source WeCross heterogeneous cross-chain project, helped improve community documentation, and received official rewards.

## Work Experience

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## Self-employed Developer

Full-Stack Engineer

2023.01-2026.03

1. Independently completed requirement analysis, prototype design, system design, development, deployment/go-live, and operations & maintenance for the Chengtai Smart Property Management System and the Huichuang Yitou Member Service Platform as the development lead.
2. Participated as a developer in projects such as Phase II of the Changji Prefecture Smart Water Conservancy Supervision Platform, the Jiaxing Environmental Data Monitoring System, and the Logistics Management System of the Second Affiliated Hospital of Zhejiang University School of Medicine, handling requirement analysis as well as design, development, and maintenance of selected modules.
3. Handled the full lifecycle of the personal website product SmartSee, along with one year of feature iteration and maintenance.

## Yunnan Nantian Electronics Information Corp., Ltd.

Blockchain Engineer

2022.04-2023.01

1. Responsible for developing the daily-report information evidence-preservation chain for Nantian's NBaaS product, including Java and Golang smart-contract development and deployment.
2. Responsible for part of the front-end pages for the web mall, admin console, and mini-program of Nantian's NFT digital collection platform.
3. Responsible for system testing, performance testing, security testing, and the writing of related documentation and user manuals.
4. Created and edited platform usage videos and promotional videos for NBaaS, Yuanhe, photography, and other related projects.
5. Conducted research on heterogeneous cross-chain interoperability in consortium blockchains, research on AR metaverse virtual-human technologies, and applications for blockchain-related invention patents.

## Focused Photonics (Hangzhou), Inc.

Product Owner

2019.08-2021.03

1. Responsible for requirement analysis, high-level design, database design, coding implementation, and the rest of the software process for the new version of the Tianjin LIMS laboratory information management system, and provided interfaces for the mobile side.
2. As product owner, independently handled maintenance, feature updates, performance tuning, cybersecurity issue resolution, and integration with other projects for the POMS pollution-source monitoring product.
3. As a project member, participated in customized development of pollution-source modules for projects such as the Quanzhou Pollution Source Working Condition O&M; Management System and the Hangzhou City Brain Pollution Source System.

## Sichuan Youshan Software Technology Co., Ltd.

R&D Manager

2018.06-2019.08

1. As development lead, was responsible for system architecture design, requirement analysis, selected module high-level design, database design, development, and acceptance reporting for the Xinjiang Property Rights Exchange Emission Rights Electronic Bidding System.
2. Participated in requirement analysis, prototype design, and functional module development for projects such as the Urumqi River and Lake Ecological Protection Informatization Project and the Qiannan Prefecture Smart Environmental Protection Informatization Project.
3. Handled interdepartmental team collaboration, project management, development resource management, code reviews, and evaluations of project risks and resource costs.
4. Mentored new employees.

## Focused Photonics (Hangzhou), Inc.

Software Engineer

2016.07-2018.06

1. As on-site project manager and development team member, was responsible for requirement analysis, high-level design, database design, coding implementation, project weekly meeting facilitation, periodic reporting as the vendor representative, acceptance-material preparation, and post-launch daily maintenance for the Xinjiang Emission Rights Enterprise-wide Supervision Information Platform.
2. Participated in iOS app development, back-end module development, acceptance-material completion, and later-stage O&M; for projects such as the Autonomous Region Emergency Command System, the Autonomous Region Smart Environmental Protection Big Data Project, Changji Smart Environmental Protection Informatization, and Manas Smart Environmental Protection Informatization.

## Project Experience

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## Chengtai Smart Property Management System

Development Lead

2025.07-2025.11

Project Description: A property management system developed for Hangzhou Chengtai Property Management Co., Ltd. The project adopted a front-end/back-end separated architecture, used ZenTao in a standardized way for project management and iteration, and used Swagger to build and test RESTful APIs. The product was divided into an owner mini-program and a back-office management system. The owner side provided modules such as announcements, repair requests, access control management, daily payments, parking-space management, and personal center. The admin side included management modules for smart services, fee management, procurement management, reports, equipment, communities, and more, enabling online handling of property management business.

Tech Stack: Vue, Spring Boot, Redis, MyBatis-Plus, MySQL, Linux, Docker

Responsibilities: Participated in requirement decomposition and analysis, software prototype design, full front-end and back-end development for all modules, and the writing of interface design documents, database design documents, and user manuals.

## SmartSee

Product Owner

2023.06-2024.06

Project Description: A website product independently developed by me that combines resource aggregation and a forum. It has two major functions. The first is a curated navigation hub that aggregates, introduces, and shares links to various tools and resource websites on the market, such as image-processing tools, format conversion tools, cloud storage tools, and more. The second is a sharing forum that provides a platform for users to seek help, share knowledge, and discuss different tools. The personal center includes profile editing, resource bookmarking, site messages, and account security modules.

Tech Stack: Vue, Spring Boot, MyBatis, MySQL, Linux, Docker

Responsibilities: Responsible for all design, development, maintenance, and promotion work.

## Nantian Blockchain NBaaS Platform

R&D Engineer

2022.04-2023.01

Project Description: A self-operated company product: a consortium-blockchain infrastructure service platform built on Fabric. Core platform functions included blockchain foundational component services (automated configuration and deployment of blockchain networks, visualized monitoring and O&M; management, consortium management, organization management, permission management, certificate management, etc.), a blockchain explorer, smart-contract lifecycle management, blockchain REST service interfaces, blockchain application access management, a blockchain large-file storage component, and blockchain interoperability contracts. It supported pluggable consensus mechanisms (Raft selected at the time), SM cryptographic algorithms, enhanced privacy-protection mechanisms, multi-language smart-contract development, and both centralized and decentralized deployment for consortium chains.

Tech Stack: Hyperledger Fabric, Java, Golang, MySQL, Linux, Docker, Apache Ant

Responsibilities: Responsible for the design, development, testing, and related documentation output of the daily-report information evidence-preservation chain.

## Nantian Yuanhe NFT Digital Collection Platform

System Design / R&D Member

2022.08-2022.11

Project Description: A marketplace platform built on the NBaaS platform for the purchase and transfer of NFTs within consortium organizations. The platform included a mall-side site, an admin-side site, and a WeChat mini-program. The admin account provided node management and institution management. The organization-management account provided approval and listing management for user-owned digital collections and organization-owned collections. The mall side provided functions such as user registration/login within an organization, a homepage collection list, detail pages for purchase and transfer, and on-chain transaction records. The WeChat mini-program used embedded H5 pages and was functionally similar to the mall side.

Tech Stack: Hyperledger Fabric, Vue, Golang, MySQL, Linux, Docker

Responsibilities: Handled requirement analysis and consolidation, product prototype design, Vue front-end development, system testing, performance testing, security testing, deployment, promotional video production, and output of test reports, user manuals, and other documents.

## POMS Pollution Source Online Monitoring System

Product Owner

2019.12-2021.03

Project Description: One of the company's main software business products. The system primarily analyzed and displayed on-site collected data to enable environmental regulators to supervise enterprises' flue-gas and wastewater treatment discharges. Through functions such as exceedance alarms, data review, and data

backfilling, field inspectors could respond rapidly to anomalies in the data. The system stored real-time data for various monitoring factors and provided law-enforcement evidence to environmental-protection authorities. This product was integrated into internal project systems across the company.

Tech Stack: Vue, Java, Hibernate, MySQL, Linux, Docker, data acquisition integration

Responsibilities: After taking over the product, served as product owner and was responsible for issue handling, version iteration, technical consulting for other projects using the pollution-source product, customized pollution-source system development, and cross-department collaboration.

Achievement: This product was integrated and used across internal project systems within the company.

## **Tianjin LIMS Laboratory Information Management System**

Development Lead

2019.08-2021.03

Project Description: A bidding project of the Tianjin Economic-Technological Development Area Environmental Protection Bureau, serving laboratories under its environmental monitoring stations. The system mainly provided atmospheric and water-quality monitoring reports, a series of sampling and sample-receiving workflows, records for the registration and use of various laboratory instruments and equipment, and the issuance of monitoring reports. Workflow was implemented purely through the database, and FineReport was used to develop reporting and printing functions.

Tech Stack: SpringMVC, JSP, Java, Hibernate, Tomcat, SQL Server, FineReport

Responsibilities: The initial LIMS system continued to change and grow in requirements over the five years after acceptance and operation, reaching industrial-grade business complexity. After taking over as development lead, I organized the requirements from roughly the most recent six months, led the team and O&M; staff in on-site development, remotely assisted QA and testers in controlling development quality, and after the project passed second acceptance, continued to assist on-site O&M; over the long term in handling difficult problems.

## **Xinjiang Property Rights Exchange Emission Rights Electronic Bidding System**

Project Manager / Development Team Member

2018.06-2019.03

Project Description: A system built specifically for the Xinjiang Property Rights Exchange to support bidding-based trading of emission rights. Its core business enabled enterprises to participate in auctions organized by the exchange to bid for and purchase emission rights. After purchase, the emission-rights data was transferred through the environmental dedicated network into the enterprise-wide emission-rights system and submitted to the emission-rights center of the Environmental Protection Department for review. The system included bid records, transaction records, modification and display of lot and session information, and the core real-time bidding module. Basic data was transmitted from the emission-rights center to the exchange system through the environmental private network, and transaction data was then returned to the emission-rights center's system through the same network.

Tech Stack: SpringMVC, SQL Server, JSP, Java, Hibernate, Tomcat

Responsibilities: As project manager, controlled project risks and schedule, regularly reported project progress to the client, and participated in the development of selected modules. For the supplemental contract content after acceptance, led the team as development lead to complete development and delivery.

## **Xinjiang Emission Rights Enterprise-wide Supervision Information Platform**

On-site Project Manager / Development Team Member

2017.01-2018.05

Project Description: A bidding project for the Xinjiang Environmental Protection Department Emission Rights Center. Its main purpose was to enable the center to manage and approve emission rights for enterprises in prefectures and counties under its jurisdiction, in response to the ministry's policy of using emission rights to control enterprise pollution indicators. The system was divided into an admin side, enterprise side, portal website, WeChat side, and large-screen display system, covering the management, trading, querying, and display of multiple types of enterprise emission-rights information. The admin-side system included six subsystems such as the Total Quota Control and Pre-approval System, Emission Rights Reserve Management System, Emission Rights Trading Management System, Emission Permit System, and Basic Information Management System. ECharts was used for large-screen data visualization, and the system integrated data with the national emission-permit management system.

Tech Stack: SpringMVC, SQL Server, JSP, Java, Hibernate, Tomcat

Responsibilities: As on-site project manager, was responsible for regularly reporting project progress to the client, hosting project weekly meetings, remotely assisting the Hangzhou-headquarters project manager in controlling local progress, and leading cross-regional coordination with testing, QA, and configuration teams. As a development team member, completed system design, database design, and module development for the

Total Quota Pre-approval System and part of the Permit System.

Achievement: This project was rated an Outstanding Project by the Environmental Protection Department of the autonomous region.

## Education

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**Gengdan Institute of Beijing  
University of Technology**

Bachelor's | Computer Science  
and Technology

2011-2015