

Max Young

(Le Yang)
Full-Stack Engineer

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in Max Young



Skills

- Web Application** Full-stack development from frontend to backend, including testing, optimization, deployment, and maintenance. Proficient in *Python, React, HTML/CSS, Shell, MySQL, MongoDB, etc.* Strong product sense and user-first thinking; able to turn ideas into smooth, scalable experiences. Team player with solid agile development experience.
- Mobile App** Published an App named [Readom](#) on Google Play. Skilled in building cross-platform apps with React Native, focusing on performance and user experience.
- DevOps** Hands-on with *Linux, Docker, Git*, and CI/CD pipelines. Experienced in building reliable, automated deployment workflows.

Experience

2022-now **Software Engineer**, [Rino.ai](#), Beijing, Autonomous Driving

○ **Vehicle Calibration Software** *Python, Shell, C++, OpenCV*

Independently developed from scratch, **revolutionizing the process** by automating operations and reducing communication costs.

- **Enhanced factory calibration** for hundreds of new vehicles, increasing daily throughput from 2-3 to **10+ vehicles**.
- **Streamlined field calibration**, reducing on-site time from 0.5-1 day to **under 0.5 hours**.

○ **OTA Version Management System** *Python(Flask), Next.js, RabbitMQ*

Independently developed an OTA system, enabling efficient autonomous driving software updates.

- **Automated software/map deployment**, reducing average download time for hundreds of vehicles from hours to **under 0.5 hours** with near-zero errors.
- **Modernized vehicle/series/version management** with a user-friendly system.

○ **Kanban Project Management System** *Python(Flask), React, Ant Design*

Independently developed a Kanban-based project management system for autonomous driving.

- **Improved accident management**, contributing to a reduction in the accident rate from 13 to **7 per 10,000 kilometers** within six months.
- **Facilitated efficient delivery** of dozens of new routes.
- **Enhanced team collaboration** by bridging the communication gap between R&D and operations.

○ **Summary of Contributions:** Independently developed these projects, overcoming technical challenges across various domains. Demonstrated leadership in product design, project coordination, and communication between technical and operational teams.

2017-2022 **Software Engineer**, *Dedao APP*, Beijing, Online Education

- Designed and implemented comprehensive e-commerce systems including inventory management, order processing, and distribution workflows. Engineered automated order integration with major platforms (JD.com, Taobao), significantly enhancing business operations efficiency. *Python(Django), Go(gin)*
- Developed the financial system. Including financial recognition, financial settlement, data analysis, etc. Established financial office automation and improved financial work efficiency. *Python(Flask)*
- Championed Test-Driven Development (TDD) and contract testing methodologies, substantially reducing bugs and enhancing development efficiency across teams.

2014-2017 **Software Engineer**, *Kaoshixing*, Beijing, Exam SAAS Provider

Architected and developed a comprehensive online examination platform from conception to production, handling full-stack development, DevOps implementation, and team leadership. Successfully scaled the system to serve thousands enterprise customers. *Python(Flask)*.

2013-2014 **Map Quality Engineer**, *AutoNavi.Alibaba*, Beijing, Mapping Services Provider

Conducted in-depth analysis of geospatial POI and road network data, established standardized quality control protocols for map assets, and delivered strategic recommendations for data collection planning and quality metrics implementation.

2006-2013 **Geomatics Engineer**, *Beijing Engineering Corporation Limited*, Beijing, Hydropower Engineering

Contributed to geospatial surveying and technical design for multiple large-scale hydropower infrastructure projects, applying precision engineering methodologies in diverse geographical environments.

Education

2002-2006 **Geomatics Bachelor**, *Hohai University*, Nanjing, China

Hobbies

Languages English (*IELTS 6.5*) Japanese (*N2 Level*)

Sport Certified Beijing Marathon Runner (Third-Level Athletic Certification)