

Mengyun Xie

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Full-stack SDE graduating May 2025, with 4+ years of work experience, seeking full-time new grad SDE roles

Work Experience

Software Engineer Intern

Sep 2024 – Now

IpserLab LLC

Mountain View, CA

- Collaborated with cross-functional teams to design and implement back-end features for the LindoGourmet e-commerce platform using Java and PostgreSQL, optimizing database queries to improve application performance
- Engaged with various teams to implement solutions, and conducted code reviews, enhancing system functionality

Software Engineer

April 2018 – July 2019

Sunsea Internet of Things Technology Co., Ltd.

Shenzhen, China

- Led a front-end team to develop a multi-tenant B2B IoT Device Management System with React.js, Redux, and Node.js, delivering a scalable IoT platform, empower IoT management capabilities, resulting in a 19% increase in user engagement
- Implemented RESTful APIs and utilized Swagger and Postman for thorough API testing, streamline collaboration between front-end and back-end developers, improving workflow efficiency by 16% and ensuring smoother integration of services
- Utilized CI/CD tools, including Jenkins and Jira, for continuous testing and feature deployment, achieving a 10% increase in deployment speed and enhancing the development process for significantly faster time-to-market

Software Engineer

Aug. 2016 – Mar 2018

Shenzhen Andmobi Technology Co., Ltd.

Shenzhen, China

- Developed a modular Education Management System website using React, optimized the interaction logic, lazy loading, code restructuring, achieving an 10% performance boost and significantly improving user experience
- Implemented and designed a mobile course system app using React Native with over 100 features, including chat and video functionalities, resulting in a 20% increase in new user registrations and improved the overall learning experience

Projects Experience

Passerby Diary Project - Full Stack

Sept. 2023 – May 2024

- Developed a scalable diary application utilizing React for the front-end and Java with Spring Boot for the back-end, enhancing user engagement and enabling seamless diary creation and sharing
- Designed a microservices back-end using Spring Cloud and Eureka for modular development and scalable services
- Integrated MySQL and MongoDB for efficient data storage, used Kafka for real-time streaming, enhancing responsiveness. Implemented Docker for containerization and Spring Security with JWT for secure authentication

Twitter Sensitive Analysis Project - Machine Learning

Sept. 2023 – Dec. 2023

- Designed and developed a high-performing machine learning model to analyze Twitter sentiment data using Python, facilitating strategic business decisions
- Implemented machine learning models utilizing scikit-learn for training, NLTK for natural language processing, and Seaborn for data visualization, achieving 85% accuracy through hyperparameter tuning on the Logistic Regression model

Education

Northeastern University, Seattle, WA

May 2025

Master of Science in Computer Software Engineering (GPA: 3.95)

Courses: Data Science Engineering with Python, Program Structure & Algorithms, Operating Systems

Minnan Normal University, Zhangzhou, China

Bachelor of Engineering in Electrical Engineering and Automation

Honors: Outstanding Graduates (Top 5%)

Technical Skill

Languages: Java, C/C++, Swift, JavaScript/TypeScript, Python, SQL, HTML/CSS, XML

Framework/Technologies: Spring, Spring Boot, React, Angular, Vue, Node.js, Express.js, Rest API, MySQL, MongoDB, PostgreSQL, MyBatis, Redis, Kafka, OOP/OOD, Machine learning, Microservices

Cloud& DevOps: Git, Maven, Docker, AWS, GCP, Microsoft Azure, Docker, Kubernetes, Tomcat, Nginx, Postman, Linux, A/B testing, CI/CD, JUnit, Jenkins, Jira, Agile Methodologies