Wentao Yang

Software Engineer

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Professional Summary

Dedicated Software Engineer with two years of experience in developing scalable and maintainable software solutions. Proficient in Java, Python, and JavaScript, with a strong background in backend development, microservices. Proven ability to enhance system performance and streamline processes through innovative solutions.

Skills

Languages
Java (Advanced), Python, JavaScript/TypeScript, SQL

Backend
Spring, Spring Boot, RESTful APIs, Hibernate, Maven, Gradle, MySQL, MongoDB, Oracle, Firebase, NumPy, Pandas, Jupyter Notebook, MySQL, MongoDB, Oracle, Firebase, Linux, DDD, JVM

Frontend
Angular, Vue.js

Familiar With
Docker, Kubernetes, Kafka, Spring AI, Agile

Education

New York Institute of Technology
Bachelor of Science in Computer Science
09/2017 – 05/2021 | New York City, NY

Wiley Edge
Alumni Trainee
10/2021 – 11/2021 | New York City, NY

Work Experience

Puff Media
Software Engineer (Contract)
07/2024 – 10/2024 | Brooklyn, NY

- Engineered multithreaded Python scripts leveraging unofficial TikTok API, boosting data-fetching efficiency by 70% and reducing processing time for 10,000+ daily requests.
- Designed a Java-based backend using Domain-Driven Design, integrated with a Vue.js frontend for smooth collaborator search and data export.
- Implemented Mailchimp API for automated, tag-based email campaigns, boosting engagement by 25%. Deployed solutions on AWS EC2 for high availability.

Credit Suisse
Software Engineer
01/2022 – 03/2023 | New York City, NY

- Migrated Java/J2EE web app to Angular, enhancing scalability with Spring microservices.
- Optimized JSP/Angular UI performance, reducing page load times and prevent page freezing issue, and developed Python scripts to automate trade data monitoring.
- Conducted QA testing with JUnit and Mockito, achieving 95% test coverage for MongoDB-backed applications.

Projects

MNIST Digit Recognition Model
10/2024 – 11/2024

- Developed a TensorFlow/Keras neural network for MNIST digit recognition, achieving 98% accuracy on a 60,000-image dataset, showcasing machine learning expertise.