

Sarah Chen

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Summary

Highly accomplished Senior Backend Software Engineer with 7+ years of experience designing, developing, and deploying scalable and high-performance backend systems. Proven expertise in Python, Java, and Node.js, coupled with extensive knowledge of cloud platforms (AWS), containerization (Docker, Kubernetes), and database optimization (PostgreSQL, MongoDB). Adept at building robust REST APIs and microservices in agile environments. Strong problem-solving abilities and excellent communication skills, fostering collaborative team dynamics.

Experience

Senior Software Engineer | Tech Solutions Inc. | 2020 - Present

- Led the design and implementation of core backend services using Python and Java, supporting over 1 million daily active users.
- Developed and maintained highly available REST APIs for various client applications.
- Optimized database queries in PostgreSQL, reducing latency by 30%.
- Implemented CI/CD pipelines with Docker and Kubernetes on AWS, improving deployment efficiency.
- Mentored junior engineers and contributed to architectural reviews.
- Actively participated in Agile Scrum ceremonies.

Software Engineer | Innovate Systems | 2017 - 2020

- Developed backend components using Node.js and MongoDB for a new e-commerce platform.
- Integrated third-party APIs and ensured data consistency.
- Utilized Git for version control and collaborated on code reviews.

Education

M.S. Computer Science | University of Technology | 2017

B.S. Computer Engineering | State University | 2015

Skills

Languages: Python, Java, Node.js, JavaScript

Databases: PostgreSQL, MongoDB, SQL, Redis

Cloud & DevOps: AWS, Docker, Kubernetes, Git, CI/CD

Architectures: Microservices, REST APIs, Distributed Systems

Methodologies: Agile, Scrum

Soft Skills: Problem Solving, Communication, Team Leadership, Mentoring