Senior Software Engineer

Sara Mitchell

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📍 Austin, TX

Professional summary

Results-driven Senior Software Engineer with 9+ years of experience developing scalable backend systems and leading agile teams. Proficient in building cloud-native applications and optimizing performance for high-traffic platforms. Experienced in mentoring junior developers and collaborating with cross-functional teams.

Links

LinkedIn: /in/saramitchell

Education

Bachelor of Science in Computer Science

2012 - 2016

University of Texas at Austin

Certifications

- Certified Kubernetes Administrator (CKA) | Issued: March 2023
- AWS Certified Solutions Architect – Associate | Issued: June 2022

Experience

Senior Software Engineer

January 2020 - Now

Tesla, Inc. | Austin, TX /

- Design and implement a microservices architecture that improve system scalability, reducing response times by 30%.
- Lead a team of 6 developers to build fleet analytics tools, streamlining data processing by 50%.
- Migrate key applications to AWS Lambda and DynamoDB, cutting hosting costs by 20% annually.
- Conduct code reviews and mentor junior engineers, improving overall team productivity by 15%.

Software Engineer

June 2016 - December 2019

IBM | Dallas, TX /

- Developed backend APIs in Python and Node.js, increasing system uptime to 99.9%.
- Optimized SQL queries, reducing database query times by 40%.
- Implemented a real-time analytics dashboard for internal teams, enhancing operational efficiency.
- Collaborated with DevOps engineers to automate CI/CD pipelines, reducing deployment times by 30%.

Projects

Scalable Task Management System

- Developed a task management platform using React for the frontend and Node.js with MongoDB for the backend, supporting thousands of users.
- Integrated AWS Lambda for serverless architecture, reducing costs and improving performance.
- Implemented real-time updates using WebSockets, enhancing user experience for collaborative tasks.

Skills

Languages: Python, Java, JavaScript (Node.js) ◆◆◆◆◆

Frameworks: Django, React, Spring Boot ◆◆◆◆◆

Cloud Platforms: AWS (EC2, Lambda, DynamoDB, S3), Docker, Kubernetes ◆◆◆◆◆

Tools: Git, Jenkins, Jira, Postman ◆◆◆◆◆

Databases: MySQL, MongoDB, PostgreSQL ◆◆◆◆◆