

SUMMARY

Enthusiastic Associate Back-End Software Engineer with 3+ years of experience, particularly in Golang and cloud-based infrastructure. Spearheaded API implementation and microservice deployment, achieving high system uptimes and efficient data processing. Seeking to leverage my expertise in team-oriented environments to build cutting-edge web applications.

EXPERIENCE

Junior Software Developer

TechSolutions Inc

06/2020 - 12/2021

San Jose, California

- Authored 15+ microservices for transforming data into a suitable format for analysis, which enhanced the reporting speed by 30%
- Implemented a RESTful API that served as the backbone for a high-traffic e-commerce platform, improving user experience by reducing latency by 40%
- Collaborated with the DevOps team to optimize Continuous Integration/Continuous Deployment pipelines, cutting down deployment time by 35%
- Reduced server costs by 20% through efficient coding practices and optimizing database queries on a MySQL powered backend

Software Engineer

InnoTech Solutions

01/2022 - 01/2023

Mountain View, California

- Developed a scalable data ingestion service that processed 1TB of data per day, resulting in a 25% increase in the data analysis efficiency
- Led a small team to integrate AWS Lambda and Serverless architecture into the existing product suite, decreasing operational cost by 15%
- Revamped legacy code in Ruby, increasing system robustness and performance by 50%
- Successfully automated database migrations for MongoDB, minimizing downtime and avoiding potential data loss during updates
- Presented technical workshops internally to share knowledge on Golang and best coding practices with fellow engineers

Associate Back-End Engineer

WebMarket Tech

02/2023 - Present

Santa Clara, California

- Spearheaded the integration of RESTful API services for real-time inventory management, boosting system reliability by 45%
- Engineered and deployed 10+ microservices to handle complex business logic, achieving a 99.9% uptime
- Optimized SQL and NoSQL database operations within core product services, improving transaction speeds by 34% in high-volume scenarios
- Directed cross-functional teams in adopting Agile SCRUM methodologies, which shortened the product development lifecycle by 20%
- Facilitated the migration of critical software components to a fully containerized environment using Docker, increasing development flexibility
- Authored comprehensive documentation using Confluence to maintain high code quality standards across the team

EDUCATION

Bachelor of Science in Computer Science

University of California, Berkeley

01/2013 - 01/2017

Berkeley, California

Master of Science in Software Engineering

San Jose State University

01/2018 - 01/2020

San Jose, California

PROJECTS

Open Source Contribution to Go-Microservice

Contributed to an open-source microservice framework written in Go, optimizing performance for high-load environments. github.com/OliviaDavis/go-microservice

Serverless AWS Lambda GitHub Project

Developed and maintained a serverless project using AWS Lambda to handle event-driven workflows for e-commerce analytics. github.com/OliviaDavis/serverless-aws-lambda

ACHIEVEMENTS

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Reduced Backend Latency

Improved e-commerce platform response time by 40% through backend optimizations, enhancing user satisfaction and sales.
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Elevated Data Processing

Architected a service handling 1TB daily, increasing data analysis efficiency by 25%, and enabling more informed business decisions.
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Optimized CI/CD Workflows

Streamlined deployment processes by 35%, accelerating product updates and feature releases.
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Curated Technical Workshops

Facilitated internal workshops on Golang and best practices, contributing to a culture of continuous learning and excellence.

SKILLS

| Golang | Ruby | Python | AWS Lambda |
|----------------------|------|-----------|------------|
| Serverless Computing | | Terraform | |

COURSES

Certified Golang Developer

Course focused on practical applications of Golang in back-end development, provided by CodeAcademy.

AWS Certified Developer

Certification on developing, deploying, and debugging cloud-based applications using AWS, offered by Amazon Training.

PASSIONS

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Cloud Infrastructure Enthusiast

Passionate about exploring and implementing scalable cloud solutions that drive efficiency and reliability in software.