Stephen Kent

Backend Software Developer

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About

I'm a backend web developer with several years of experience developing, maintaining, and managing cloud native web applications. In addition to implementation I have been responsible for driving the full development lifecycle, from design through to deployment, maintenance and operations and I am comfortable handling the demands of modern software projects. In my spare time I'm usually playing guitar (badly) or learning French.

Experience

March 2016 - July 2022
Mid - Sr Backend Engineer

I worked for ~6.5 years as a mid to senior backend engineer for Capital One on multiple projects. My largest project involved a platform to make performing and managing automated security scans easier for developers which was used across the company. Gradually the focus shifted to smaller microservices, and I helped design and implement a more modern ingestion setup for WhiteSource findings using Lambda functions. I also worked on a larger finding ingestion and attribution platform composed of microservices, built using Lambda functions with DynamoDB as the database layer.

- Instrumental in the design of a software project that helped make it easier for developers across the company to write secure code.
- Worked to design and deploy cloud native software on AWS.
- Drove database and schema designs in Mongo & Dynamo with some minor experience in PostgreSQL.
- Designed and implemented solutions for distributed work systems using SQS and Bull, which is an open source job queue framework that uses Redis.
- Reviewed and helped mentor the work of more junior team members through PRs and informal pair programming sessions.
- Co-author of US Patent No. 10,387,659 for the de-duplication of static source code security findings.

Certifications

AWS Solutions Architect Associate
March 2022
Issued by **Amazon**
Link

Education

University of Maryland
Bachelor
Computer Engineering

Skills

Backend Development	Database Design	Cloud
Senior	*Senior*	*Mid*
JavaScript Python	MongoDB Dynamo PostgreSQL	AWS Lambda EC2 S3