STEPHEN KIM

Full Stack Developer | Los Angeles, CA

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EXPERIENCE

Amazon | Amazon Financials Foundation Services

Software Development Engineer II ***Jul 2025 – Present***

- Owning full-stack delivery of Direct Debit payment feature; designing data models, deploying new features with thorough unit and automated integration tests, and extending UI capabilities on internal financial platforms powered by TypeScript, React, Node.js, and AWS services.
- Key contributor to standardizing financial data models for 30+ RESTful APIs integrated with ~10 micro-services, adhering to internal security and compliance along with scalability and reliability.
- Authoring technical design documents, conducting design and code reviews across internal and external teams to maintain code quality and system reliability.
- Serving as primary on-call engineer, resolving up to 25% of tickets and writing Python scripts for automated redriving and data backfill with documented SOPs for the team.

Software Development Engineer I ***Oct 2022 – Jun 2025***

- Led full-stack development of an internal shared financial platform with component-driven React front-end and back-end powered by AWS. Coordinated with cross-functional teams, Sr. UX designers, and Product Managers to release search and payment lifecycle for 5 document types and resolve 35+ pre-launch bugs. 1500+ users onboarded with ~200 daily active users post-launch.
- Maintained and transitioned a large legacy full-stack platform across teams, re-configuring cloud service permissions and ensuring zero downtime through feature flagging and A/B testing.
- Designed and delivered new advanced payment life cycle management and balance tracking. Collaborated closely with Sr./Principal Software Engineers and Product Managers to deliver 4 production APIs, ready to support high traffic.
- Improved reliability of Tier-1 critical services, increasing internal resiliency rating by 40% through CloudWatch alarm tuning, integrating stress and chaos tests into CI/CD pipelines, and addressing security and compliance risks.

Software Development Engineer Intern ***Jun 2021 – Sep 2021***

- Designed and implemented an event-driven serverless microservice that notifies customers of invoicing lifecycle through email via AWS Lambda, SQS, SNS, and SES.

SKILLS

Hard Skills: *Agile/Scrum Process, CI/CD Pipeline Management, DevOps, Distributed Systems, On-call, Product Development, Software High/Low Level Design, Technical Documentation*

Languages and Framework: *Java, Kotlin, React, TypeScript, JavaScript, HTML, CSS, Node.js, Next.js, Spring Boot, Python, C#, C++*

Technical Skills: *AWS Products (API Gateway, CDK, Cloudwatch, DynamoDB, ECS, EC2, Eventbridge, Lambda, OpenSearch/Elasticsearch, Route53, S3, SES, SNS, SQS), Git, Gradle, Jest, Linux, Mockito*

EDUCATION

University of California, Los Angeles ***Jun 2022***

B.S. Mathematics of Computation, Minor in Statistics