

SHIKHAR BAHETI

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SUMMARY

Full-stack engineer with experience building scalable, production-grade systems at Amazon and startups, leveraging AWS, Java, Python, and React. Proven track record of delivering robust backend services, automation tools, and internal platforms used by thousands globally.

EXPERIENCE

Amazon

Vancouver, BC

Software Development Engineer 2

July 2022 – Present

- Developed a highly configurable service using Java, AWS Lambda, S3, and DynamoDB to centralize PDF generation for cross-region shipment reporting, adapting to diverse legal and tax requirements across destinations. The service currently scales to handle over **4,000** transactions daily
- Led the successful migration of the orchestration platform and workflows for our flagship service into production without client downtime using A/B testing. The platform has executed over **500,000** workflows since launch, enhancing functionality, error reporting, and directly influencing the product roadmap
- Implemented an advanced monitoring and automated kill switch solution for a critical AWS Lambda service, proactively preventing downstream disruptions by halting order processing before potential issues arise
- Formulated a strategic vision to globalize **seven** core services, supporting the organization's expansion efforts to serve international customers
- Designed and developed a full-stack internal utility application for AWS StepFunctions, introducing mass re-drive and execution querying features. This tool aims to reduce developer troubleshooting time and supporting over **5,000** executions per week across three internal services

Castlight Health

San Francisco, CA (Remote)

Software Engineering Intern

May 2021 – August 2021

- Integrated Virtual Care Online with Castlight's proprietary data warehouse for further high-value data reporting used by more than **1,100** users
- Implemented analytic reporting using UTM parameters by identifying and fixing root issue in Navigation Service for Mixpanel events
- Rearchitected and added validation to 3 REST API endpoints providing reporting data for Notification and Messaging Microservices for Castlight Health Systems Platform

PROJECTS

Titans of Investing (titansofinvesting.net)

May 2022 - Present

- Designed and implemented a full-stack web application to parse book briefs, integrate a custom search engine, and manage membership and events for a global finance organization
- Leveraged Python, AWS Lambda, StepFunctions, Claude 3.5 Sonnet, AWS RDS (PostgreSQL) to support a robust system serving over **800** members worldwide

Membership Hub (members.secsystems.net)

August 2021 - July 2022

- Developed a full-stack web app utilizing React.js, Express, and MongoDB to track student member attendance and points
- Worked in an Agile team of 5 student engineers, web-application used by **60+** members daily

RELEVANT SKILLS

Languages: Python, Java, JavaScript, TypeScript, Kotlin, SQL, HTML/CSS, C++

Frameworks/Technologies: React.js, Next.js, Node.js, Docker

Tools: Agile, Slack, Git, Linux, REST APIs, GraphQL

AWS: CDK, Lambda, StepFunctions, S3, OpenSearch, DynamoDB, SQS/SNS, EC2, Amplify, API Gateway, ECS

EDUCATION

Texas A&M University

College Station, TX

Bachelor of Science in Computer Science | Cum Laude

August 2018 – May 2022

Certificate in Holistic Leadership