Shikhar Baheti

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EXPERIENCE

Amazon — Austin, TX
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

Molecula — Austin, TX (Remote)
Software Engineering Intern — *May 2020 – August 2020*

- Enabled faster tracking of performance and accuracy regression by 15% with a new internal tool in Golang to load, test, and compare Molecula software versions
- Implemented a Python tool using gRPC to demonstrate the value proposition of Molecula Software to clients
- Developed a documentation website for the Molecula software using React.js and Docker to be used by the engineering team of 12 and 40+ clients

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) OpenSearch 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, Kotlin, Java, JavaScript, TypeScript, Ruby, Golang, SQL, HTML/CSS, C++

Frameworks/Technologies: React.js, Next.js, Node.js, Angular, Docker, jQuery, Bootstrap

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

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

EDUCATION

Texas A&M University — College Station, TX
Bachelor of Science in Computer Science | Cum Laude — *August 2018 – May 2022*
Certificate in Holistic Leadership