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

– Designed and developed a full-stack internal utility application for AWS StepFunctions, introducing mass re-drive and execution querying features. This tool has reduced developer troubleshooting time and now supports over **5,000** executions per week across three internal services

– Formulated a strategic vision to globalize **seven** core services, supporting the organization's expansion efforts to serve international customers

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, and 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, C++, Java, JavaScript, TypeScript, Ruby, Golang, SQL, HTML/CSS, Verilog, Assembly

Frameworks/Technologies: React.js, Angular, Next.js, Node.js, Rails, Tensorflow, OpenCV, Firebase, Docker, jQuery, Bootstrap

Tools: Agile, Slack, Git, Linux, GCP, 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