

JOSHUA GODINHO

Santa Clara, CA | jgodinhojoshua@gmail.com | (408) 396-3816 | GitHub | LinkedIn | Portfolio

EDUCATION

M.S. Computer Science & Engineering at Santa Clara University | Santa Clara, CA *Sep 2023 – Jun 2025*

- Graduate Research Assistant
- Relevant Coursework: Advanced Operating Systems, Design Patterns, Solutions and Cloud Architecture

B.E. Computer Science at University of Mumbai | Mumbai, India *Jul 2018 – Jun 2022*

- Relevant Coursework: Cloud Computing, Advanced Algorithms, Computer Networks

PROFESSIONAL EXPERIENCE

Software Engineer at Instahub | Santa Clara, CA *Dec 2024 – Present*

- Collaborating directly with the CEO to implement SOC 2 compliance across Instahub's AWS cloud infrastructure, recognized for driving key security initiatives strengthening investor confidence.
- Designed and shipped serverless micro-services with **Lambda, DynamoDB, S3 and RDS** automating IoT data-ingestion and shipping releases to Instahub's Data Analytics Dashboard.
- Implemented **API caching** mechanisms reducing redundant backend invocations by 65%, saving \$40,000 annually in compute costs.

Software Engineer Intern at Instahub | Santa Clara, CA *Jul 2024 – Sep 2024*

- Wrote production-ready **AWS Lambda functions in Python and Node.js** that coordinate the lifecycle of shared data objects across 15 microservices, enabling real-time data exchange and preserving system-wide integrity.
- Built **AWS Cognito-based authentication**, enhancing security for over 50K+ active users. Implemented session extension mechanisms using **React.js**, reducing login failures and support tickets, saving an estimated \$24,000 annually in operational overhead.
- Developed a seamless CI/CD deployment pipeline to automate builds by leveraging **AWS CDK, CloudFormation stack and Amplify** enhancing system reliability by 40%.

Associate Software Engineer at Accenture | Mumbai, India *Nov 2022 – Jul 2023*

- Implemented and unit-tested **RESTful Web APIs in C#/ASP .NET Core**, adding business-logic endpoints and SQL data calls that power Allstate's claims platform.
- Connected those APIs to responsive UIs in **Angular** and **Blazor**, fixing cross-browser bugs and streamlining the claims form.
- Used **Azure DevOps** to build, test, and deploy ASP .NET Core APIs to Azure App Service, automating CI/CD for quick, reliable releases.
- These optimizations boosted claim filing and tracking efficiency by 17%, reduced average processing time from 5 days to 4 days, and resulted in a 4% increase in business productivity over 9 months.

Full Stack Developer Intern at Wowrooms Hospitality | Mumbai, India *Oct 2020 – Jan 2021*

- Engineered and deployed **REST APIs using Laravel PHP**, leveraging advanced routing and middleware capabilities to improve backend efficiency by 35%, reducing server response times and saving an estimated \$3,000.
- Developed a dynamic, responsive UI with Bootstrap and **JavaScript**, seamlessly integrated with Laravel server-side logic, resulting in a 30% improvement in system efficiency and reducing maintenance overhead by 20% through reusable component design.

PROJECTS AND CERTIFICATIONS

AWS Certified Solutions Architect Associate (SAA-C03) | *Certified in Oct 2024* [Link](#)

AI-Powered Ecommerce Platform | *.NET Aspire · Redis · PostgreSQL · RabbitMQ · GenAI · RAG* [GitHub](#)

- Shipped a scalable ecommerce microservice suite with real-time pricing updates via **Redis-backed caching** and **RabbitMQ-driven messaging**, enhancing shopping experience across distributed services.
- Implementing intelligent features like RAG-based chatbot and product discovery using vector embeddings with semantic search leveraging LLMs, Ollama developer tools and AI interfaces.

Velocity Feed | *Spring Boot · React.js · Node.js · Express · AWS* [GitHub](#)

- Launched a personalized real-time notifications platform where users receive instant alerts based on their topic subscriptions, improving engagement and retention.

TECHNICAL SKILLS

Programming Languages: Java, Python, C#, JavaScript, Kotlin, SQL, C

Tools and Technologies: React.js, Node.js, Springboot, .NET Core, ASP.NET, Django, RESTful API, MongoDB, Git, PostgreSQL, Postman, Linux, AWS (Lambda, CloudFormation, SQS, RDS, DynamoDB)