JOSHUA GODINHO

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EDUCATION

Master of Science, Computer Science and Engineering   *Sep 2023- Expected Jun 2025*
Santa Clara University**,** Santa Clara, CA
Relevant Courses: Design Patterns, Algorithms, Object Oriented Design and Analysis, Machine Learning
Graduate Research Assistant at Santa Clara University

Bachelor of Engineering, Computer Science   *Jul 2018 - Jun 2022*
University of Mumbai**,** Mumbai, India

Relevant Courses: Cloud Computing, Data Structures, Operating Systems, DevOps, Advanced Algorithms

WORK EXPERIENCE

Software Engineer Intern at *Instahub | San Francisco, CA*   *Dec 2024 - Present*
- Developing a serverless data pipeline using AWS Services like Lambda, API Gateway, Kinesis Data Firehose and CloudWatch to gather datalogger data and store it in RDS, by deploying infrastructure as a code automated via CloudFormation.

Software Engineer Intern at *Instahub | San Francisco, CA*   *July 2024 - Sep 2024*
- Architected **AWS Cognito-based authentication**, enhancing security and user management for over 50,000 active users, leveraged **React.js**, **Python**, and **AWS Lambda** to develop innovative session extension mechanisms by generating new tokens, effectively resolving session timeout issues and enhancing user experience.
- Spearheaded the resolution of critical **AWS Amplify** deployment issues for the InstaHub Dashboard project, leading to a 30% improvement in build efficiency. Leveraged **AWS Cognito**, **CloudFormation** stack, **Cloudwatch logs**, **AWS SNS** and custom scripts to optimize authentication workflows, ensuring a seamless deployment pipeline and enhancing system reliability by 40%.
- Strategically deployed and configured 15 **AWS Lambda** functions using **Node.js** and **Python**, seamlessly integrating their aliases with **API Gateway** for enhanced version control. Through meticulous optimization, achieved a 30% reduction in system latency, significantly boosting application responsiveness and performance.

Associate Software Engineer at *Accenture | Mumbai, India*   *Nov 2022 - July 2023*
- Analyzed and innovated solutions as a **.NET** Developer for **Allstate Insurance**, to accomplish high-quality scalable and extendable .**NET** solutions in **C#**, ASP.NET Core**, Web API** and **Blazor** with adoption of **SCRUM** methodology**.**
- Optimized and deployed two ASP.NET Core applications for Allstate Insurance—Claims and Support—boosting claim filing and tracking efficiency by 17%, reducing average claim processing time from 5 days to 4.2 days.
- Implemented advanced **ASP.NET caching mechanisms**, improving web application performance and scalability by 40%.
- Developed and integrated **Web APIs** to facilitate seamless communication between web applications and databases, ensuring timely data delivery and efficient data flow, enhancing application configuration and testing, resulting in a 4% increase in business productivity over 9 months.

Software Engineer Intern at *Wowrooms Hospitality | Mumbai, India*   *Oct 2020 - Jan 2021*
- Led a cross-functional team of 10 interns and developed a dynamic and robust application for Hourly Rooms, as the frontend team lead, with adoption of Agile methodologies, improving project delivery efficiency by 25%.
- Engineered and deployed **APIs** initially using **Django REST** framework before transitioning to **Laravel PHP** for its advanced routing mechanisms and middleware capabilities, resulting in a 35% increase in API response efficiency.

TECHNICAL SKILLS

Programming Languages: Java, Javascript, Kotlin, SQL, Python, C++, HTML5, CSS, C#
Technologies and Frameworks: AWS, Spring Boot, .NET Core, ASP.NET, REST API, Node.js, React.js, Django, Hadoop, Kafka, Flask, Linux, Jenkins, Docker, Git, Jira, Bash, Microsoft Office
Databases : MongoDB, MySQL, PostgreSQL, Firebase, AWS(S3), AWS(RDS), AWS DynamoDB
Certifications: **AWS Certified Solutions Architect Associate** (Link)

PROJECTS

Smart Home Automation System *[Github]*
- Engineered a Smart Home Automation System leveraging 18 out of 26 implemented **design patterns**, showcasing cutting-edge design principles in action.

Stock Market Cloud based Real time News *[Github]*
- Developed a scalable **cloud-based publish/subscribe model** for real-time stock news on **AWS**, boosting throughput by 270% with zero message loss and 371ms median latency.