JOSHUA GODINHO

Santa Clara, CA | +1 (408) 396-3816 | joshuajgodinho@gmail.com | linkedin.com/in/joshua-godinho | GITHUB.COM/JOSHUAGODINHO

EDUCATION

Master of Science, Computer Science and Engineering   *Sep 2023- Expected Jun 2025*
Santa Clara University**,** Santa Clara, CA

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

WORK EXPERIENCE

Software Engineer Intern at *Instahub | San Francisco, CA*   *July 2024 - Present*
- Architected AWS Cognito-based authentication, enhancing security and user management for over 10,000 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 and **Cloudwatch**, and custom scripts to optimize authentication workflows, ensuring a seamless deployment pipeline and enhancing system reliability by 40%.
- Optimized **API Gateway** and **Lambda** functions utilizing **Node.js**, reducing system latency by 30% and improving overall application performance.

Graduate Research Assistant under Prof. Navid Shaghaghi at *Frugal Innovations hub | Santa Clara, CA*   *Feb 2024 - June 2024*
- Integrated **Accelerometer sensor** using **ShakeDetector technology**, reducing the acknowledgment time of incoming requests by 50% compared to traditional VOIP solutions, enhancing real-time responsiveness in disaster scenarios.
- Implemented a user authentication system integrated with Firebase schema, enabling seamless user registration and login, resulting in a 35% increase in user sign-up rate and a 80% reduction in authentication errors

Associate Software Engineer at *Accenture | Mumbai, India*   *Nov 2022 - Aug 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** applications for Allstate Insurance—Claims and Support—**boosting claim filing** and tracking efficiency by **17%**.
- 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 - Feb 2021*
- Led a cross-functional team and developed a dynamic and robust application for Hourly Rooms, as the 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: AWS, Spring Boot, .NET Core, ASP.NET, REST API, Node.js, React.js, Django
Databases/ Data processing : MongoDB, MySQL, PostgreSQL, Firebase
Tools : Docker, Git, Jira, Bash, Microsoft Office

PROJECTS
Multicast Cloud based Real time News
- Pioneered a cloud-based publish/subscribe model proficient in managing key distributed algorithms such as Broadcast, Multicast, Leader Election, Heartbeat Protocols and Mutual Exclusion.
- Designed and deployed backend components as microservices on AWS EC2 instances, for efficiently scaling virtual servers, enhancing system scalability and availability.
- Architectured a broker system on AWS, increasing throughput by 270%, reducing dropped messages to zero, maintaining median latency at 371 milliseconds, and achieving a 0% error rate under high-traffic conditions..