JOSHUA GODINHO

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

WORK EXPERIENCE

Software Engineer Intern at *Instahub* | *San Francisco, CA*   *July 2024 - Present*
- Architected AWS Cognito-based authentication for users, optimized API Gateway & Lambda functions, and implemented session extensions by generating new tokens, reducing latency by 30%.
- Integrating new features to enhance Instahub's IoT dashboard, ensuring robust AWS infrastructure with logging, monitoring, and encryption.
- Implementing API and Lambda functions, managing AWS-hosted data pipelines, and network architecture for optimal 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.
- Developed an Android application in Kotlin, enhanced backend operations with Node.js on Amazon EC2 for 25% improved server efficiency, and implemented Twilio for SMS and VOIP, boosting message delivery reliability by 30% and reducing latency by 20%.

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.

Full Stack Developer Intern at *Wowrooms Hospitality* | *Mumbai, India*   *Oct 2020 - Feb 2021*
- Led a cross-functional team and developed a dynamic and robust web 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.
- Ensured timely delivery of critical projects, achieving an 80% bug resolution rate within 24 hours and reducing time-to-market by 20%.

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

SOFTWARE SKILLS

Programming Languages: Java, Kotlin, SQL, Python, C++, HTML5, CSS, Javascript
Technologies: .NET Core, ASP.NET, RESTful API, Node.js, AWS, 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.

Wound Detection Stack
- Architected a full-stack web app leveraging a Machine Learning model with ReactJS frontend and Django backend, improving application performance by 20% through REST API calls.