ARENJOSIAH SAGUN

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PROFESSIONAL SUMMARY

Boston-based **Software Engineer** with a B.S. in Computer Science and hands-on experience developing **full-stack web applications** using **React, JavaScript/Angular/TypeScript, C#, and Flask**. Skilled in SQL query optimization and leveraging **Agile/Scrum** methodology to build reliable, high-performance solutions. Proven ability to collaborate effectively and clearly communicate technical ideas.

WORK EXPERIENCE

▪ **Team Lead/Barista – Teazzi & Starbucks**   Boston, MA
May 2023 - Present
  - Demonstrated strong customer-facing communication and problem-solving skills in high-volume environments.

▪ **Independent Software Developer**
2022 - Present
  - Accepts part-time software development projects, and PC assembly and troubleshooting.

▪ **Software Developer Intern – The Center for Health Information and Analysis**   Boston, MA.
June 2022 - Sept 2022
  - Debugged and **optimized SQL queries** using SQL Server for data reporting and accuracy, supporting the organization's complex data needs.
  - Debugged and supported public facing site using Angular for front-end and C# backend service leveraging microservices architecture.
  - Maintained code quality and application reliability by executing unit tests (xUnit/nUnit) and troubleshooting.
  - Tested CI/CD pipelines on Azure DevOps and Git leveraging Docker containers.
  - Authored **technical documentation** to support system understanding, aligning with the job requirement for **documenting code changes**.
  - Actively participated in daily **Agile Scrum meetings** to collaborate on team deliverables and provide transparent progress reports.

EDUCATION

Bachelor of Science in Computer Science - University of Massachusetts Boston – 2024
▪ Relevant Courses: Operating Systems, Computer Architecture and Organization, Intermediate Computing with Data Structures, Advanced Data Structures and Algorithms, Introduction to Computing

PROJECTS & ACHIEVEMENTS

▪ **StemUp (Role-Based Gamified Web App - https://stemup.web.app):** Developed a full-stack **web application** using **ViteJS and React** for the front-end, featuring secure user **authentication/authorization** (OAuth) and role-based access. Implemented a dynamic **leaderboard** system that updates user rankings based on successful completion of admin-assigned tasks and utilized **Firebase** for real-time data persistence.
▪ **Techsume**: Created a job search web application using the Adzuna API and Flask to display job listings and filter by location and role.
▪ **2024 BostonBridge Hackathon Winner (1st Place)**: Led the development of a mobile application using the Geolocation API, allowing students to play a location-based game on campus.
▪ **Web Game -** A web board game project focusing on making individual classes leveraging React and ViteJs.
▪ **Hoy! Pinoy! Website** - A website that contains informational activities and events for the organization leveraging HTML, CSS, and Javascript and hosted on Firebase.

TECHNICAL SKILLS

▪ **Operating Systems**: Windows 10, Windows 11, macOS, Linux
▪ **Networking**: IP, DNS, VPN, TCP/IP, Network Troubleshooting
▪ **Programming Languages**: Python, Java, C/C++, C#, JavaScript, Typescript, HTML, CSS, Racket
▪ **Frameworks/Libraries**: React, ViteJS, NextJS, Angular, Flutter, Flask
▪ **Database/API**: SQL Server, MySQL, Geolocation API, Adzuna API, Discord API
▪ **Development Tools**: Git, Azure DevOps, xUnit, Firebase, Heroku
▪ **Core Competencies**: Agile/Scrum, Stakeholder Management, Problem Solving, Technical Documentation, Time Management, Customer Support

TRAININGS, SEMINARS

▪ AWS Essentials, Azure Cloud Essentials, Azure SQL Basics, Introduction to Angular, .NET Days
▪ Unit Testing, WCF/API/SOA Development, Agile Scrum Methodology, Bug Fixing (Angular, MVC/ASP.Net/C#), Time Management