ALEAZER VIANNIE SUNN

SOFTWARE DEVELOPER

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○ Github   ◑ Portfolio

SUMMARY

Innovative and detail-oriented Senior Developer with over three years of experience in building scalable and high-performance applications. Adept at transforming complex business requirements into efficient technical solutions while ensuring code quality, security, and maintainability. My collaborative nature, mentoring skills, and dedication to continuous improvement enable me to thrive in fast-paced, mission-driven environments. Ready to contribute to a team pushing the boundaries of technology

EXPERIENCE

Technology Lead, *Sonicbolt*   10/2021 – Present
                                                                               Shillong,
                                                                               Meghalaya, India

- Spearheaded the development of customer-facing web applications, improving performance by 30% through optimization and modern coding practices.
- Architected and implemented a microservices-microfrontend based system that enhanced scalability and reduced downtime
- Designed and developed APIs, ensuring seamless data integration with external systems and third-party interfaces
- Implemented data management solutions, overseeing the collection, transformation, and distribution of data
- Applied IoT protocols (REST, MQTT, WebSocket) and industrial automation protocols (Modbus, BACnet) to enhance device communication and management
- Developed and executed automated tests, improving application quality and performance.
- Ensured robust data modeling and contributed to the overall solution, data, and technical architecture of key applications
- Prioritized application performance and security, implementing necessary measures at all levels
- Mentored junior developers, conducted code reviews, and established coding standards to ensure consistent quality across projects.
- Integrated CI/CD pipelines, which cut deployment times by 0% and streamlined the release process.

SKILLS

Programming Languages
SQL, TypeScript, Python, JavaScript

Frameworks
ExpressJs, Django, FastAPI, React, Nodejs, NextJs

Tools
Docker, Git, RabbitMQ, Mosquitto, MQTT

Version Control
Git

Database
PostgreSQL, MongoDB, ORMS, Redis

Testing
Pytest, Jest, Jmeter

Agile and Scrum methodologies
Jira

Cloud
Digital Ocean

EDUCATION

Bachelor of Technology, Computer Science Engineering and IT, 07/2017 – 09/2021
Assam Don Bosco University Assam, India

Publications

Light U-Net: Network Architecture for Outdoor Scene Semantic Segmentation, *Aleazer Viannie* ⧉
We present a novel and efficient semantic segmentation architecture termed Light U-Net in this paper.

Projects

St. Paul's Higher Secondary School Website (Freelance Project) ⧉ 01/2025 – 06/2025
Built a school website with an admin panel using **Next.js**, **Supabase**, and **Tailwind CSS**. Enabled CRUD for courses, news, events, notices, teachers, gallery, and messages. Public site reflects real-time admin updates.

Personal Blog present
Currently building a fast, SEO-friendly personal blog using Astro.js and tailwind css to share technical insights, and enhance my web development portfolio with a focus on performance and modern best practices.

An Ecommerce Website (Personal) ⧉ 05/2023 – 08/2024
Build an eCommerce platform from the ground up with React, Redux, Django & Postgres

Semantic Segmentation of Natural Images ⧉ 08/2020 – 05/2021
Developed a lightweight version of the U-net architecture and used it for Multiclass semantic segmentation. Named the modified model "Light U-Net.

Notes Web App (Personal) ⧉ 11/2021
Build a notes app using React, Django and sqlite