



ALYSA EMILIO

Entry-level Software Engineer | Cloud Enthusiast
Computer Engineer

SUMMARY

Recent Computer Engineering graduate with hands-on experience in **full-stack development**, **cloud deployment**, and **collaborative** team environments. Passionate about building scalable, user-focused web solutions and exploring DevOps and AI.

EXPERIENCE

IT and Infrastructure (Support) Intern

Feb 2025 - April 2025

Embedded Silicon

- Led the complete revamp of Embedded Silicon's website, handling both frontend and backend development and integrating a CMS for dynamic job listings and success stories.
- Applied the **Software Development Life Cycle (SDLC)** process to successfully plan, develop, and deploy the revamped website.

Frontend Developer Trainee

January 2025 - April 2025

BeFied (fka EduFied)

- Collaborated remotely** with an experienced development team to build the FilPass system for EduFied, a Singapore-based company.
- Strengthened technical and communication skills by contributing to project setup and development workflows.

Freelancer

November 2022 - May 2025

- Freelanced on various projects using Python, Java, Django, Flask, Node.js, and Express, adapting to client needs and tech stacks.
- Managed relational and NoSQL databases, while strengthening backend skills and client communication.

PROJECTS

Lung X-ray Diagnosis Platform (Federated Machine Learning) [LINK](#)

- Developed a secure, role-based full-stack platform using **React (Vite)**, **TailwindCSS**, **Express.js**, **Node.js**, **MongoDB**, and **JWT**.
- Focused on system development and seamless integration with a federated machine learning model.

Embedded Silicon Website Revamp [LINK](#)

- Led the full-stack redevelopment of Embedded Silicon's website using the MERN stack as part of a two-person dev team during on-the-job training
- Integrated a **custom CMS** to enable dynamic updates for job listings and success stories

Personal Portfolio [LINK](#)

- Built a responsive portfolio using React and TailwindCSS with Shadcn/UI and DaisyUI components.
- Deployed on **AWS S3** with automated **CI/CD** via **AWS CodePipeline** and **GitHub**.

CONTACT

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EDUCATION

Batangas State University - The National Engineering University
Bachelor of Science in Computer Engineering
GWA: 1.6 (2021-2025)

SKILLS

- Programming & Scripting:**
HTML, Css, Python, JavaScript, TypeScript, Java, C++, Bash (basics)
- Databases:**
MySQL, MongoDB
- Frontend Development:**
React.js, Tailwind CSS, ShadCn, DaisyUI, Figma
- Backend Development:**
Node.js, Express.js, RESTful API, Laravel (basics)
- Version Control & Collaboration**
Git, GitHub, Bitbucket
- Cloud & Deployment**
Vercel, AWS S3, AWS Lambda
Currently Learning/Exploring:
EC2, RDS, CI/CD (CodePipeline)
- Project Management**
Jira, Agile Methodology

CERTIFICATIONS

Completion Certificate: [LINK](#)
AWS Cloud Practitioner Essentials
AWS Training & Certificate (June 2025)

Completion Certificate: [LINK](#)
Getting Started with AWS DevOps
AWS Training & Certificate (June 2025)

Course Completed (Audit Track): [LINK](#)
Agile with Altassian Jira
Coursera (June 2025)

Statement of Achievement: [LINK - JS1](#)
JavaScript Essentials 1 & 2 [LINK - JS2](#)
Cisco Networking Academy (March 2024)