



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)

- Contributed as a Frontend Developer Trainee in building the FilPass system for Edufied, a Singapore-based company, **collaborating remotely** with an experienced development team.
- Strengthened technical skills and communication by working closely with the team, gaining hands-on experience in real-world project setup and development workflows.

PROJECTS

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

- Developed a full-stack web platform using **React (Vite)**, **TailwindCSS**, **Express.js**, **MongoDB**, and **JWT**
- Designed secure authentication with role-based access for radtechs and doctors, and built key features like X-ray uploads, case assignments, evaluations, and result delivery to streamline the diagnostic workflow
- Focused on the system development aspect of the project, enabling seamless integration with the 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 modern components from Shadcn/UI and DaisyUI.
- Deployed to **AWS S3 with automated CI/CD** via **AWS CodePipeline**, integrating GitHub for seamless updates.
- Gained hands-on experience with cloud deployment, CI/CD workflows, and static site hosting using AWS.

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 Languages:

Html, Css, Python, JavaScript, TypeScript, Java, C++

• 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)