ALYSA EMILIO

Entry-level Software Engineer | Cloud Enthusiast
Computer Engineer

CONTACT

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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
Embedded Silicon   *Feb 2025 - April 2025*

- 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
BeFied (fka EduFied)   *January 2025 - April 2025*

- 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)

- 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

- 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

- 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.

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:
AWS Cloud Practitioner Essentials - *AWS Training & Certificate*
(*June 2025*)

Completion Certificate:
Getting **Started with AWS DevOps** - *AWS Training & Certificate*
(*June 2025*)

Statement of Achievement:
JavaScript Essentials 1 & 2 – *Cisco Networking Academy*
(*March 2024*)