ALYSA EMILIO

Software Engineer | Cloud Enthusiast Computer Engineer

CONTACT

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SUMMARY

A Computer Engineer 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

Software Developer (Frontend & API Integrations)
July 2025 - Oct 2025

*Audio Video Integrations LLC (**Full-time, US-Based, Remote**)*

- Built the **CMS and accounting flow**—from quotation to invoicing—with practical workarounds
- **Led frontend engineering using React, TypeScript, and React Query.**
- Planned, secured solutions and designed business workflows, then implemented them into the frontend.

IT and Infrastructure (Support) Intern
Feb 2025 - April 2025

*Embedded Silicon (Alabang, Muntinlupa City, **Hybrid**)*

- Led the complete revamp of company's website, handling both frontend and backend development and integrating a CMS for dynamic job listings and success stories. Applied the **SDLC** process in planning and deploying systems.

Frontend Developer Trainee
January 2025 - April 2025

*BeFied (fka EduFied, **Singapore-Based, Remote**)*

- Collaborated remotely with an experienced development team to build the FilPass system for EduFied.
- Worked on ApostropheCMS integration with **Ubuntu Linux subsystem**.

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.
- Worked with MySQL and MongoDB, strengthening backend knowledge.

PROJECTS

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

- Secure, role-based platform with **React, Node.js, MongoDB,** and **JWT**. Integrated with federated Machine Learning.

Embedded Silicon Website Revamp [LINK]

- Led the full-stack redevelopment using the MERN stack and 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.**

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, Next.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: [LINK]
Agile with Altassian Jira
Coursera   (June 2025)

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