

Elise Poniman

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Recent **Computer Science** graduate from the **University of Washington** with experience delivering full-stack solutions across nonprofit and enterprise organizations. Fluent in English and Mandarin, with technical expertise in **Java**, **TypeScript**, **Python**, **React**, **SQL**, **AWS**, **Docker**, etc. Seeking opportunities in Fullstack Engineering, Backend Engineering, and Cloud-related roles.

EDUCATION

University of Washington | 3.74 GPA Seattle, WA
Bachelor's Degree, Computer Science Sept. 2023 - Dec. 2025
Relevant Courses: Data Center, Distributed System, Network, Data Structure & Algorithm, Database

RELEVANT EXPERIENCE

Community Dreams Foundation Remote, USA
Software Engineer | React, TypeScript, Supabase Mar. 2026 - Present

- Saved 6 hours of weekly admin work for 10+ project managers by building a centralized CRM.
- Advanced 20+ prospective projects through automated stakeholder follow-ups and notification workflows.
- Enforced 100% deal process compliance through automated validation and Supabase triggers.

UW Algorithmic Trading Club Seattle, WA
Software Engineer | Python, FastAPI, Redis, RabbitMQ, Docker, AWS S3 Jun. 2025 - Aug. 2025

- Accelerated competition startup by 80% for 90+ users by building automated competition setup APIs.
- Reduced failed job executions by 90% across 800+ runs through asynchronous job queues.
- Supported 20+ live concurrent runs using Redis distributed locks and Docker container scaling, reducing wait times from minutes to seconds.

PT. Tanaka Jakarta, Indonesia
Software Engineer Intern | HTML, CSS, JavaScript, PHP, MySQL Jul. 2023 – Sept. 2023

- Reduced inventory lookup time by 70% for 20+ employees by building real-time tracking dashboards.
- Prevented 80+ products stock shortages across multiple garages through automated inventory monitoring and low-stock alerts using MVC architecture.
- Eliminated 100% of recurring reporting errors on 50+ monthly financial reports by resolving SQL logic.

Paul G. Allen School, University of Washington Seattle, WA
Teaching Assistant | Flutter, Accessibility Mar. 2025 - Jun. 2025

- Collaborated with 2 professors and TAs to deliver Flutter instruction for 100+ students.
- Increased average course grades by 20% for 30+ students by leading weekly class instructions.
- Debugged 50+ code and setup issues across Windows and macOS, reducing blockers for 35+ students.

EduHacks Seattle, WA
Leader and Software Developer | HTML, Google Teachable Machine Jan. 2024

- Won 3rd place at Hackathon by leading a 5-member team to build and pitch an AI trash sorting system.
- Achieved 85% classification accuracy by training an AI image classification model for waste sorting.
- Managed task delegation and project execution for the team, delivering an AI solution within 24 hours.

PROJECTS

Friendly | *React Native, REST API, AWS RDS, Neo4j* Sept. 2024 – June. 2025

- Hosted application databases on AWS RDS, ensuring 24/7 availability for backend services.
- Increased user recommendation accuracy by 40% through graph database and matching systems.

Distributed System Key-Value Store | *Java* Sept. 2024 - Dec. 2024

- Ensured consistent data across distributed servers despite failures of up to 67% of servers.
- Prevented partial data updates across distributed servers, maintaining system reliability.

SKILLS

- Languages: Python, Java, JavaScript, TypeScript, HTML, CSS, SQL, Dart, PHP
- Tools & Frameworks: AWS, React, Node.js, Flask, FastAPI, Flutter, Supabase, MySQL, PostgreSQL, RabbitMQ, Redis, Docker, Git, CI/CD, AI

CERTIFICATIONS

- Solutions Architect Associate, AWS Mar. 2025 - Mar. 2028