Kathleen Ho

Kathleen Ho

Mid-level Software Engineer - ClimateTech (Rust)
melissastevens@example.org | 9818275392 | Port Stephanietown, Korea

SKILLS

Rust • Actix-web • PostgreSQL • Nix • Docker • Kubernetes • CI/CD pipelines • SQL • Data modeling • API design • Test automation • Git • Linux/Unix tooling • Agile methodologies

EXPERIENCE

Software Engineer — ClimateForge
March 2024 – Present
Led development of Rust-based microservices with Actix-web to serve climate data APIs at scale, achieving 60% lower latency and 99.9% uptime. Implemented Postgres-backed data models and migrations with indexing optimizations, reducing query times by 40% under peak loads.

Software Engineer — CryoWave Labs
April 2022 – February 2024
Maintained and extended Rust services using Actix-web and PostgreSQL-backed data stores. Introduced Nix-based development tooling to ensure reproducible environments, reducing onboarding time by 50% and smoothing CI pipelines.

Software Engineer — GreenHydra Tech
June 2020 – March 2022
Built Rust components and microservices, collaborating with data teams to deploy climate analytics pipelines. Used PostgreSQL for storage and migrations; contributed to test coverage enhancements and code quality improvements.

EDUCATION

M.S. in Computer Science
Port Stephanietown University
Graduated: 2020