



Matthew Ware

Junior Backend Developer (Healthcare)
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SKILLS

Rust • Actix-web • PostgreSQL • Nix • SQLx • Docker • Git • REST APIs • JWT Authentication • Unit & Integration Testing • CI/CD • API Design

EXPERIENCE

Backend Engineer — HealthBridge Technologies

June 2024 – Present

Built a Rust backend with Actix-web supporting patient records, appointments, and authentication via a secure REST API. Integrated PostgreSQL with migrations and optimized queries, cutting average latency from 120ms to 85ms and boosting throughput. Managed dev environments with Nix and containerized services using Docker to ensure consistent builds across the team.

Software Engineer Intern — MediPulse Clinic

June 2023 – May 2024

Contributed to a Rust microservice with Actix-web for appointment scheduling, implementing CRUD for patient data. Wrote unit and integration tests, increasing test coverage from about 60% to 82%. Helped standardize development environments with Nix and documented CI workflows.

Junior Backend Developer — CareNet Solutions

July 2022 – June 2023

Assisted migration of legacy services to Rust + Actix-web and PostgreSQL, building scalable data access layers. Optimized SQL queries and introduced basic caching to improve response times. Participated in setting up Docker-based local development and contributed to Nix-based provisioning.

EDUCATION

B.S. in Computer Science

Buckmouth University

Graduated: 2022