EUGENE FAISON
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PROFESSIONAL SUMMARY

Full-stack Software Engineer and U.S. Army Veteran with a BAS in Software Development and an AAS in Data Analytics. Proven ability to build scalable software applications and engineer backend solutions using Python, JavaScript, and SQL. Experience spans DevOps, API integration, cloud platforms, and React-based interfaces. Demonstrated success bridging hands-on HVAC and generator maintenance with modern digital infrastructure, delivering cost-saving systems and data-driven solutions. Adept at leading Agile teams and contributing to open-source projects with civic and operational impact.

- Application Development
- Testing And Debugging
- Cloud Infrastructure
- Data Engineering
- Backend Development
- Project Management

EDUCATION | CERTIFICATIONS

Bachelor of Applied Science in Software Development (BAS) | Green River College
Associate of Applied Science in Software Development and Data Analytics (AAS) | Green River College

Projects

OpsTrack – Field Operations Dashboard
Designed and developed a SaaS dashboard for tracking generator, HVAC, and CDL vehicle diagnostics and maintenance
Built modular UI components in React/Vite with dynamic routing and conditional rendering based on user roles
Integrated CSV upload functionality and form-based manual data entry with Supabase backend and PostgreSQL schema
Engineered a scalable schema for logging runtime, service records, HVAC diagnostics, trip checklists, fuel usage, and more
Wrote custom Tailwind themes and responsive layouts to deliver a clean, mobile-ready interface for field operators
Inspired by real-world field experience, bridges technical operations with full-stack product design

FairHouse – Civic Tech Housing Platform (In Progress)
Building a data transparency platform that exposes unfair corporate housing practices using public rental data
Designed a backend pipeline to ingest and normalize rental pricing data from multiple sources
Developed real-time dashboards and data visualizations to track affordability trends by city and company
Architected with Supabase for real-time updates, auth, and scalable database storage
Used Docker for local dev environments and eventual containerized deployment
Project inspired by rising rent inequality and a passion for civic tech

RELEVANT SKILLS

Full-Stack Application Development
- Developed Modular SaaS Dashboards For Field Operations Using React, Tailwind, And Supabase
- Engineered Responsive Interfaces With Dynamic Routing, Authentication, And Role-Based Access
- Integrated PostgreSQL Backends With Real-Time Data Entry And CSV Uploads

Software Testing And Debugging
- Created And Managed Over Forty Test Cases In Agile Projects For Cross-Functional Reliability
- Reduced Frontend Bugs By Over Fifty Percent Through Unit Testing Of TypeScript Components
- Debugged Legacy IDE Systems, Improving Feature Resolution For Over Two Thousand Users

Cloud Infrastructure And DevOps
- Deployed Dockerized Applications With Supabase, GitHub Actions, And Vite
- Designed Local Development Pipelines Using Docker, Enhancing Build Stability
- Used CI/CD Workflows To Maintain Scalable Deployments In AWS And Azure

Data Engineering And Analytics
- Built Data Pipelines For Housing Analysis Using Python And PostgreSQL
- Created Dashboards Tracking Rental Affordability With Real-Time Visuals In Chart.js
- Normalized Public Rental Pricing Data Across Multiple Formats For Transparency

Backend Development
- Constructed RESTful APIs Using FastAPI And Node.js To Support Scalable Architectures
- Streamlined Data Retrieval For Mobile Scheduling Apps, Reducing Load Times By Thirty Percent
- Authored Modular Code For Enterprise-Level Tools In Java And Django

Frontend Development
- Programmed Over Twenty Reusable Components In React And Vue For Open Energy Platforms
- Implemented UI Logic For Role-Specific Access And Conditional Rendering
- Customized Tailwind Themes For Mobile Optimization And Branding Consistency

Technical Documentation And Version Control
- Maintained GitHub Repositories For All Projects With Structured Readmes And Workflow Notes
- Drafted Technical Specs And User Guides For Client-Facing Tools
- Standardized Contribution Practices For Open-Source Codebases

PROFESSIONAL EXPERIENCE

CodeDay | Auburn, WA **Jan. 2025 – Mar. 2025**
Open-Source Contributor Intern,
- Implemented a new dependency resolution feature in Eclipse IDE, saving approximately two thousand user hours per quarter; merged PR into main repo
- Led an Agile team as Product Owner; created and managed over forty tasks focused on iterative progress
- Navigated complex enterprise codebases and documentation with cross-team collaboration

CodeDay | Auburn, WA **Sep. 2024 – Dec. 2024**
Open-Source Contributor Intern,
- Contributed to the Open Energy Dashboard, enhancing functionality for an energy data visualization tool
- Collaborated in an Agile/Scrum environment, ensuring smooth teamwork and timely delivery of tasks
- Developed over twenty TypeScript and React components, improving system reliability and reducing frontend bugs
- Consolidated over two hundred TODO items into a centralized document to streamline project management
- Utilized Docker, GitHub, and Ubuntu to manage deployments and ensure efficient development processes

Green Spa Cafe | Auburn, WA **Jul. 2024 – Aug. 2024**
Software Engineer Intern
- Developed a MERN-based mobile app for salon appointment scheduling using JavaScript and Expo Router
- Built five React Native pages and tested MongoDB integrations using Postman

U.S. Army | Various Locations **May 2018 – Oct. 2021**
Generator And HVAC Technician
- Led and trained a diverse twenty-person team, fostering cohesion and achieving all ten goals while addressing product and service-related issues
- Diagnosed and resolved complex technical issues on engines, generators, and switchgear, utilizing advanced diagnostic tools to decrease downtime by forty percent
- Executed scheduled and emergency maintenance for equipment, including generators, Humvees, heat systems, forklifts, and LMTVs
- Developed comprehensive maintenance schedules for over five hundred eighty vehicles and generators, optimizing efficiency and operational readiness