

Immanuel Monroe

Software Engineer

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Experience

Software Engineer, Resilient Coders – Philadelphia, PA Feb 2025 – Present

- Led 20 engineer team in building full-stack safety platform, leading standups, task delegation, & sprint planning while building core features across stack ensuring on-time delivery and fostering high team cohesion under tight deadlines.
- Led integration for a geolocation app, enhancing UI/UX and increasing user engagement by ~25%.
- Refactored backend architecture and optimized APIs—cut load times by 30% improving long-term maintainability.
- Identified and resolved a critical dependency misconfiguration that was blocking the entire team’s workflow—quickly implemented a fix that restored development stability, preventing significant delays during a crucial sprint.
- Championed the design of a secure, user-focused feature from discovery to deployment—gathered stakeholder feedback, wrote modular code, and delivered ahead of schedule, reducing future maintenance by 40%.

Freelance Web Developer – Philadelphia, PA Jan 2025 – Present

- Launched client websites with improved UX and SEO, driving a ~10% increase in user engagement.
- Delivered responsive full-stack apps under tight deadlines, tailored to unique client needs.
- Resolved performance issues across browsers, reducing bounce rates and improving load speeds.
- Modernized legacy codebases, boosting scalability and long-term reliability.

Application Support Specialist, InformData – Remote Feb 2024 – July 2024

- Optimized SQL queries to streamline production updates, reducing report generation time by 30%.
- Resolved critical API bugs, boosting system uptime by 25% and improving client satisfaction.
- Leveraged DataDog, AWS, and C# logs to reduce dev turnaround by 20%, accelerating issue resolution.
- Led deployment support, reducing post-release issues by 40% and ensuring smoother rollouts.

IT Support Analyst, CAI – Remote Dec 2021 – Feb 2024

- Provided first-level IT support using ServiceNow, leading in call quality scores & reducing ticket handling time by 10%.
- Supported network infrastructure (VPN, VMs, Active Directory, Azure) and improved onboarding and training processes across departments decreasing onboarding cycle duration by 15%.

Skills

Language: HTML, CSS, JavaScript, TypeScript, Python, SQL, Ruby

Database: Node.js, Microsoft SQL Server, Firebase, SQLite, PostgreSQL, MongoDB

Tools/Frameworks/Libraries: Git, AWS, CLI (Bash/Zsh/WSL), React, Tailwind, Bootstrap, Linux, Express

Projects

SafeRoute – Community-Powered Safety Map <https://github.com/Resilient-Labs/safe-route/>

- Led a team of 20 engineers in developing a full-stack safety app with real-time map-based reporting, contributing to core features across the frontend, backend, and DevOps teams—including the interactive map view, MVC backend setup, CI/CD pipelines, and internal documentation—boosting team collaboration and deployment reliability.

Eremos - AI-Powered Mental Health Journal <https://github.com/immonroe/eremos>

- Developed a full-stack application supporting mental well-being through daily journaling, personalized AI-driven reflections, and resource suggestions, empowering users to process emotions and access empathetic support.

Education

School – Bachelor’s in Social Work

University of Valley Forge - Apr 2018