Immanuel Monroe
Software Engineer

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Experience

Software Engineer, Resilient Coders – Philadelphia, PA   Feb 2025 – Present
- Led frontend 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.
- Spearheaded debugging sessions and codebase walkthroughs—accelerated onboarding and increased team contributions by 40%.
- Built and shipped full-stack apps, integrating third-party APIs while maintaining 99.9% uptime and clean, scalable architecture.
- Boosted team delivery speed through Agile collaboration, peer reviews, and Git workflows—helped deliver features ahead of sprint deadlines.

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
- Delivered first-level IT support using ServiceNow, consistently leading in call quality scores and 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

Xpense - Personal Finance Tracker   https://github.com/immonroe/xpense
- Built a Node.js/MongoDB application with secure authentication for real-time expense tracking, categorization, and budget monitoring, featuring a responsive Bootstrap/CSS UI for seamless cross-device usage.

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.

NASA Facilities Map   https://github.com/immonroe/complex-nasa-bootcamp/tree/answer
- Built a full-stack app fetching real-time weather data for NASA facilities using Weather API and NASA API, integrated with geolocation for live updates and a seamless user experience.

Education

School – Bachelor's in Social Work   *University of Valley Forge* - Apr 2018