

Immanuel Monroe

immanuelmonroe@gmail.com | <https://github.com/immonroe>

<https://www.linkedin.com/in/immanuel-monroe/> | <https://immanuelmonroe.netlify.app/>

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

Experience

Software Engineer, Resilient Coders – Philadelphia, PA

Feb 2025 – Present

- Built and deployed full-stack web applications with responsive, accessible interfaces and scalable backend architecture.
- Built and maintained RESTful APIs, integrated third-party services, and debugged functionality to enhance performance and reliability.
- Translated complex user needs into technical solutions, reducing development cycles and aligning with project goals.
- Led code refactors and implemented clean architecture patterns, improving maintainability scalability of codebase.
- Collaborated in Agile sprints with Git/GitHub workflows, contributing to peer reviews and daily stand-ups to drive team efficiency.

Freelance Web Developer – Philadelphia, PA

Jan 2025 – Present

- Launched client websites that improved UX, increased search visibility, converting to ~10% more responses.
- Scoped, designed, and developed responsive, full-stack applications tailored to client needs under tight deadlines.
- Diagnosed and resolved project issues, reducing bounce rates and improving load speeds across browsers.
- Modernized/refactored codebases, enhancing site performance, scalability, and long-term reliability.

Application Support Specialist, InformData – Remote

Feb 2024 – July 2024

- Wrote SQL queries to update production databases and generate reports using Microsoft SQL Server.
- Collaborated with engineers to troubleshoot bugs, optimize APIs, and improve system performance across clients.
- Used DataDog, AWS, and C# log payloads to investigate issues, create JIRA tickets, and assist with deployments, reducing dev turnaround time and increasing production stability.

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.

Projects

Gaming Store

- Built a responsive e-commerce app with cart persistence and Firebase integration, streamlining game browsing and checkout experience. Leveraged RAWG/IGDB API formatting to create a scalable database.

Bookbot - The Text Analysis Tool

- Automated text analysis tool using Python to generate reports on word usage, punctuation, and file structure for streamlined insights.

NASA Facilities Live Weather Data

- 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