Ezra Bekele

Full Stack Engineer

Passionate software engineer skilled in building and deploying scalable, high-quality applications using modern frameworks, cloud platforms, and CI/CD automation. Focused on delivering reliable, user-centered solutions and driving continuous improvement through new technologies.

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🚗 Personal vehicle 📞 (737) 358-2180

Work experience

Full Stack Developer

The Tech Consultants, LLC

03/2023 – 10/2025   *Woodland Hills, CA*

- Developed responsive and dynamic user interfaces using **React.js, Angular, Vue.js**, and modern UI frameworks like **Tailwind CSS, Bootstrap 5**.
- Built cross-browser compatible pages with **HTML5, CSS3, JavaScript**, and **TypeScript** to deliver smooth user experiences.
- Collaborated with designers and engineers to improve development workflows and resolve UI/performance issues efficiently.
- Troubleshot and maintained web applications to ensure stability and uninterrupted functionality.
- Developed backend services and APIs using **Node.js, Express.js, Nest.js, Python, Django, .NET**, and **GraphQL**.
- Implemented **RESTful APIs** to support user interactions, authentication, and real-time features.
- Built and maintained **CI/CD** pipelines using **GitHub Actions, Azure DevOps**, and **Jenkins** for automated testing and deployment.
- Used **Docker** extensively for containerization, environment consistency, microservices development, and streamlined deployment workflows.
- Implemented comprehensive unit and integration tests using **Jest, Mocha, NUnit, PyTest**, and other testing frameworks to ensure code reliability and maintainability.
- Deployed applications to **AWS** and **Azure**, ensuring scalability and reliability.

Junior Full Stack Developer

MassLight

01/2022 – 11/2022   *Bethesda, MD*

- Proficient in full-stack development using **React.js, Nest.js**, and **TypeScript** for robust frontend and backend solutions, with additional experience building backend services using **Python, C#**, and the **.NET framework**.
- Specialized in performance optimization to ensure scalable, efficient, and high-quality applications across **JavaScript, Python**, and **.NET codebases**.
- Skilled in database management, especially **PostgreSQL**, with a strong focus on data integrity, optimized queries, and effective integration with both **Python**- and **.NET**-based systems.
- Experienced in building responsive, intuitive UIs using **Tailwind CSS, HTML5, CSS3**, and **SCSS**.
- Proficient in deploying and managing applications on **AWS** and **Azure**, ensuring reliability, security, and scalability for multi-language environments.
- Extensively used **Docker** for containerization, environment consistency, microservices orchestration, and streamlined deployments across multiple tech stacks.
- Implemented comprehensive unit and integration tests using frameworks such as **Jest, Mocha, NUnit, and PyTest** to ensure code reliability, maintainability, and high test coverage.
- Integrated third-party services such as **Plaid, Stripe, Twilio**, and other APIs to enhance application functionality and user experience across diverse tech stacks, including **Python** and **.NET** services.

Work experience

Full Stack Engineering Intern
Software Freedom Conservancy

02/2019 – 11/2021   *Brooklyn, NY*

- Developed features across frontend and backend using modern **JavaScript/TypeScript** frameworks, as well as backend services built with **Python** and **C#**.
- Assisted in building and integrating **RESTful APIs** with responsive UI components, including contributions to **.NET**-based API endpoints and services.
- Worked with databases to design schemas, write queries, and optimize data operations across **SQL, NoSQL**, and **.NET** data layers.
- Improved code quality through comprehensive unit and integration testing, code reviews, and documentation across **JavaScript, Python**, and **.NET** codebases.
- Supported **DevOps** workflows using **Git**, **CI/CD** pipelines, and cloud deployment tools for multi-language environments.
- Collaborated with senior engineers in agile sprints, contributing to efficient software delivery and cross-stack development involving **JavaScript**, **Python**, and **.NET**.

Education

Bachelor of Science - BS, Computer Science
University of Michigan College of Engineering

01/2017 – 12/2021   *Ann Arbor, MI*

Skills

Front-End Development
Expert in building responsive and performant UIs using **React.js, Next.js, Vue.js, Nuxt.js, Svelte, Angular, HTML5, CSS3, SCSS, Tailwind CSS,** and **Bootstrap 5**.

Back-End Development
Skilled in developing robust APIs and backend systems with **Node.js, Nest.js, Express.js, .NET, Python (Django, Fast API),** and **Graph QL.**

API Integration & Third-Party Services
Integrated and managed services such as **Plaid, Stripe, Twilio, HubSpot, Active Campaign, DocuSign** for extended application functionality.

Database Management
Proficient in **PostgreSQL, MySQL, MongoDB**, and **Firebase** with strong focus on data integrity, performance optimization, and advanced query handling.

Cloud & DevOps
Experienced in deploying applications on **AWS** and **Azure**, implementing **CI/CD** pipelines, and working with **Docker** for containerization.

Languages

English
Professional Working Proficiency

Computer skills

Jira / Trello / Slack / Microsoft Teams
Proficient: Agile project and team communication tools

VS Code / WebStorm
Expert: Daily use for full-stack development

Cursor, GitHub Copilot, ChatGPT
Proficient: AI-assisted coding, refactoring, and productivity optimization

Jenkins / SonarQube / Trivy / Grafana / Prometheus
DevSecOps pipelines, code quality, and observability

Jest / Cypress
Proficient: Unit, integration, and end-to-end testing for high-quality delivery

Azure / AWS (EC2, S3, RDS, Lambda)
Proficient: Cloud deployments, infrastructure setup, and monitoring

Postman / Swagger
Expert: API testing and documentation

Git / GitHub / GitLab / TFS
Expert: Source control, versioning, and collaboration

Docker
Proficient: Environment setup and container management

Interests

Football Watching football and gaming sometimes

Reading