

EZRA SINGH | FULLSTACK ENGINEER

PROFESSIONAL SUMMARY

With 8+ years of web development leadership, my commitment extends beyond code – it's about providing tangible value to both customers and the team. I'm dedicated to crafting solutions that not only meet user demands but also enhance the overall experience for everyone involved. From ensuring clean, robust code to fostering collaborative teamwork, my goal is to deliver meaningful value at every turn.

SKILLS

- Gathering Requirements
- Best Practices and Standards
- Continuous Integration Systems
- Performance and Scalability Optimization
- Application Development
- Code Review
- Complex Problem-Solving
- Critical Thinking
- Algorithmic Thinking
- Technical Requirements Analysis
- Web Architecture
- Graphic and User Interface Design
- Distributed Technologies

WORK HISTORY

LEAD FULLSTACK ENGINEER 07/2020 to 10/2023

Mongotel, Brooklyn, NY

- As the first full time hire, I collaborated closely with the CEO and Owner to establish an engineering team and conduct the initial round of interviews.
- Revamped outdated code bases to align with contemporary standards, leading to decreased operational expenses and enhanced functionality.
- Collaborated with cross-functional teams, including project managers, developers, quality assurance, and customers, to address technical issues, designed system architecture, and implemented product specifications.

CODING INSTRUCTOR 01/2019 to 03/2020**Dream Big Foundation**, Brooklyn, NY

- Designed classes on web development for students.
- Emphasized web etiquette and practical applications of technology for professional use.
- Tested and evaluated student progress to determine effectiveness and impact of teaching methods, materials and projects.
- Used lectures, demonstrations and discussions to instruct students individually and in small groups.

FRONTEND DEVELOPER 01/2018 to 01/2019**Related Painting**, New York, NY

- Transformed mock-ups into functional web interfaces using React and Firebase.
- Ensured optimal website design through thorough testing for responsiveness, clarity, and effectiveness, conducting functional testing throughout the web development life-cycle.

CLOUD CONSULTANT 08/2017 to 01/2018**Law Office Of Stephanie DiPietro, P.C.**, New York, NY

- Identified and remediated single points of failure and security risks.
- Researched and understood emerging technologies and end-user needs.
- Recommended design changes to production systems in response to changing business process, capacity, risks and performance requirements.
- Provided solution designs to meet system strategies, capabilities and technologies and to respond to current and future business requirements.

AUTOMATION TEST ENGINEER 07/2016 to 07/2017**Placemeter**, New York, NY

- Documented testing procedures for developers and future testing use.
- Debugged code and located root causes of problems by reviewing configuration files and logs.
- Reduced overall testing hours 80% by writing and optimizing automation test scripts in Python.
- Installed, configured, tested and maintained operating systems, application software and system management tools.

WEB DEVELOPER 01/2016 to 07/2017**Empire Capital Holdings**, New York, NY

- Coded websites using HTML, CSS, JavaScript.
- Provided front-end website development using WordPress, Hubspot and other editing software.
- Oversaw back-end development using PHP to maintain website integrity, security and efficiency.
- Converted graphic designs to usable web images using Adobe Photoshop.
- Developed technical solutions required to accommodate specific user-facing assets such as Property Search Engine.

SYSTEM ADMINISTRATOR 01/2016 to 07/2017**Venture Capital Properties**, New York, NY

- Installed important security and functionality patches to maintain optimal protections against intrusion and system reliability.
- Provisioned new software and hardware for use according to internal business and security policies.
- Completed reports detailing network and systems performance, costs and downtime issues.
- Spearheaded inventory control measures to replenish and maintain IT equipment, supplies, tools and replacement parts.
- Oversaw IT activities to maintain operations by maintaining laptops, tablets and PDAs for ~100 users.
- Introduced cloud infrastructure and management tools to create and manage virtual server computing environments.

HELP DESK SUPPORT 06/2015 to 12/2015**Rochester Institute Of Technology, RIT**, Rochester, NY

- Configured hardware, devices and software to set up work stations for employees.
- Removed malware, ransomware and other threats from laptops and desktop systems.
- Responded to inquiries by phone, email and walk-up requests.
- Logged activities in tracking systems to maintain accurate, timely records.
- Used established procedures to identify critical customer and system issues and escalate problems to appropriate people or groups.
- Installed new desktop systems and migrated data to new machines.

DEVELOPMENT SKILLS

Technical Skills

- Git
- Debian GNU/Linux
- Docker
- Kubernetes
- Terraform
- Traefik / Nginx / Apache
- Bash
- SQL
- AWS, FlyIO
- Jira
- Github, Gitlab
- OAuth2, OIDC
- Netlify, Heroku, Vercel

Client Side Skills

- HTML, Jinja, Pug
- CSS, SCSS, LESS
- Javascript (ES5, ES6)
- Webpack, Vite
- NodeJS, Typescript
- Long-Polling, Server-Side Events, WebSockets
- API Consumption (REST or GraphQL)
- WebAssembly

Frontend Frameworks

- TailwindCSS, Bulma, Bootstrap
- D3, ThreeJS, React Three Fiber
- React, Redux (Saga, Thunk), Zustand
- SocketIO
- jQuery

Server Side Skills

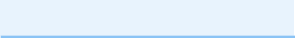
- Rust
- Python
- Go
- Redis
- MySQL, PostgreSQL
- MongoDB
- API Implementation (REST / GraphQL)
- End-to-End Integration Testing

Backend Frameworks

- NextJS, ExpressJS
- Django
- Flask
- Axum
- Temporal
- OpenAPI
- Ory (Kratos, Keto, Hydra)
- Auth0



OPEN SOURCE CONTRIBUTIONS

- Contributor to NixOS
 - Contributor to OpenAPI
 - Author of ACPI Event Manager
 - Member of Rust Indy.rs Developer Group
 - Member of Temporal Developer Outreach Group
 - Member of Google Developer Group
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