

Huseyin Gumus

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PROFESSIONAL SUMMARY

Full-stack engineer with 3 years of experience building performant web applications with React, Next.js, Typescript, Python and Nodejs. Skilled in collaborating with product and design teams to build intuitive, customer-facing features. Eager to contribute to a fast-paced team, tackle complex technical challenges, and leverage modern development tools to drive innovation. Experienced in a non-profit environment, focused on building tools that empower learners and streamline internal operations.

SKILLS

Languages & Frameworks: Node.js, JavaScript, TypeScript, Express.js, React, Next.js, Python, Tailwind

Databases & APIs: RESTful APIs, MongoDB, PostgreSQL, MySQL

Tooling & DevOps: Heroku, Google Cloud, Vercel, Cursor, GitHub, Git, CI/CD, Agile Methodologies, Electron

Practices: QA, Agile, Playwright, End-to-End Testing, Jira, Debugging

PROFESSIONAL EXPERIENCE

Software Engineer | Code the Dream Labs | Remote

June 2023 - Present

- Engineered and deployed a high-traffic web application for the Museum of Life and Science using Next.js and PostgreSQL, facilitating digital engagement for a community that hosts 300k+ annual visitors.
- Optimized mobile responsiveness and performance for the museum's apps, achieving a 25% increase in page load speeds to ensure seamless resource access for guests on low-bandwidth mobile data.
- Developed a scalable, cloud-based internal platform on Heroku for a team of 4, enabling apprentices to manage portfolios, receive evaluations, and access AI-driven interview preparation tools.
- Integrated OpenAI APIs to power an AI interview assistant, providing real-time feedback and expanding the platform's learning capabilities for a growing user base of apprentices.
- Improved application stability and reduced technical debt by refactoring legacy code to ES6+ standards and implementing automated testing with Playwright.

Software Engineer | 8by8 | Palo Alto, CA

December 2022 - June 2023

- Developed and deployed dynamic front-end interfaces using React and TypeScript, utilizing Heroku for cloud hosting and continuous deployment.
- Ensured application stability by conducting unit testing with Jest and end-to-end testing with Playwright.
- Drove key architectural enhancements by refactoring legacy code to modern ES6+ standards and optimizing API call efficiency, demonstrably improving performance.
- Collaborated with UX/UI designers and product managers to translate complex requirements into intuitive user experiences and robust technical solutions.

PROJECTS

- Locked In | React, TypeScript | [Link](#)** 2025
Developed an AI powered browser extension to enforce 'deep work' sessions by implementing a non-bypassable 25-minute timer and dynamic, real-time site blocking rules via Chrome API.
- Code the Dream Labs App | [Next.js](#)** 2023 - 2024
Developed a scalable internal platform (Next.js/PostgreSQL) for a team of 4, enabling apprentices to manage portfolios, track evaluations, and access AI-driven interview prep tools.

EDUCATION & CERTIFICATIONS

Fundamentals of Machine Learning and Artificial Intelligence | AWS

2025

Software Engineering Immersive Certification | General Assembly

2022