

Drake Rogers

Honolulu, HI | drakerogers.com | github.com/drakrgs | linkedin.com/in/drakrgs

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Summary

Full-stack software engineer delivering clean, scalable solutions with FastAPI, TypeScript, and React. Proven ability to build and deploy real-world applications integrating live data, LLMs, and modern frontend architecture. Known for fast learning, relentless debugging, and turning complex challenges into deployable products. Building serious projects while earning a B.S. in Software Engineering.

Projects

Waikīkī Smart Dashboard | FastAPI | Groq LLaMA | TomTom API | TypeScript

- Private repo (demo available upon request)
- Engineered a real-time dashboard that aggregates and summarizes traffic, event, and construction data for O'ahu.
- Integrated LLaMA-3 API to generate human-readable traffic summaries from live data sources.
- Designed and deployed a fully responsive frontend using MUI and custom tab-based navigation.
- Solved critical API routing and frontend race condition issues, ensuring stability and speed.

Hawai'i Tourism Website | HTML | CSS | JavaScript

- Built a responsive multi-page tourism site focused on accessibility and mobile performance.
- Implemented semantic HTML and flexbox/grid design patterns for a clean, functional UI.
- Managed version control with GitLab, applying branching strategies and code reviews.

Portfolio Website (drakerogers.com) | Next.js | TypeScript | Tailwind CSS

- Developed and launched a portfolio site featuring dynamic MDX blog integration and optimized SEO.
- Refactored a broken file structure and resolved critical build errors for a successful production deployment.

Ballpark Ballers | React (Vite) | Node.js | Express | PostgreSQL

- Collaborated in a team to build a full-stack app that tracks MLB stadium visits.
- Led backend API development and integrated third-party data sources for richer user experiences.

Technical Skills

Languages: Python, JavaScript, TypeScript, Java, SQL, CSS

Frameworks/Libraries: React, Next.js, FastAPI, Node.js, Express, Springboot, Tailwind CSS

Tools/Technologies: Git, GitHub, GitLab, Docker, Postman, VS Code, TomTom API, Groq LLaMA, AWS (in progress), CompTIA (in progress), CI/CD Pipelines (GitHub Actions, Render, Vercel)

Other: REST API Design, Responsive UI Development, Cloud Fundamentals, Database Modeling, Web Scraping, LLM Integration, Deployment and Hosting (Render, Vercel)

Education

Western Governors University

B.S. in Software Engineering (In Progress) (Expected 2026)

Emphasis: Cloud Computing, Java Development, AWS Certification, CompTIA Certifications (A+, Network+, Security+)

Experience

Freelance Full-Stack Developer

- Built and deployed full-stack web applications using React, FastAPI, and PostgreSQL.
- Delivered mobile-first responsive designs with custom component libraries and modern UI frameworks.
- Implemented REST APIs, database models, and integrations with third-party services.
- Focused on clean, maintainable codebases with version control best practices using Git.

Photography and Digital Design

- Enhanced digital products by applying professional photography and layout design expertise.
- Elevated brand storytelling through strong visual UI and UX design principles.

Additional

Based in Honolulu, Hawai'i, open to remote and hybrid roles in any timezone

Focused on creating scalable, production-ready tools

Strong foundation in building and shipping real-world applications

Committed to continuous learning and delivering high-impact results