

Michael Owen Peters

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Full-Stack Web Developer experienced in Kotlin (Ktor/Kobweb), React (TypeScript), and PostgreSQL, with experience deploying and managing web applications across Linux VPS and static hosting environments. Former Web Design Instructor and IT Help Desk Technician with a B.S. in Computer Science from the University of San Francisco. Capable of quickly learning new technologies, adapting to workflows, and contributing across development, QA, and deployment.

Education

University of San Francisco

August 2019 – May 2023

Bachelor of Science | Major in Computer Science

Skills

Languages & Frameworks: Kotlin (Ktor, Kobweb), TypeScript, JavaScript, React, HTML, CSS (incl. Bootstrap, Tailwind), PostgreSQL

DevOps / Deployment: Linux, VPS (Apache, Nginx, Caddy), SSL (Certbot/Namecheap)

Tools & Workflow: Git (GitHub, Bitbucket), IntelliJ IDEA, Visual Studio Code, Postman, Taiga, Salesforce, ServiceNOW

Other / Integrations: OAuth (Google, Discord), Email (SMTP/JavaX/MailerSend), Google Analytics, Shopify, WordPress

Experience

Green Rebates - Web Developer / Full-Stack Engineer

March 2024 – October 2025

Remote, San Francisco, CA

- Developed internal applications, including PDF generators, product databases, and admin dashboards, using Kotlin (Ktor/Kobweb), React (JavaScript, TypeScript), and PostgreSQL. Streamlined procedures and improved operational efficiency through secure API integrations and workflow automation.
- Designed and deployed public-facing product websites with structured product pages, responsive design, and integrated contact forms, resulting in one site ranking #1 in Google search through SEO optimization.
- Managed deployment and hosting of web applications on Linux VPS and static hosting platforms (Apache, Nginx, Caddy, Namecheap), including SSL configuration, cron jobs, and system services.
- Integrated key services including Google Analytics, OAuth (Google/Discord), and email automation (Google SMTP, JavaX Mail, MailerSend) to enhance user engagement, authentication, and communication.

Mission Bit - Lead Instructor

June 2023 – May 2024

San Francisco, CA

- Lead the instruction of HTML, CSS, JavaScript and other web design fundamentals to students for a semester of learning and capstone project development, resulting in multiple students winning awards.
- Played a key role in the planning and execution of free interactive computer science workshops to increase access for students in the Bay Area, with topics such as JavaScript, Python, HTML, Virtual Reality.

University of San Francisco - Help Desk Technician

August 2022 – May 2023

San Francisco, CA

- Provided first-level technical support to end-users, addressing hardware and software issues during peak hours at a University, ensuring user technology is ready for instruction and application.
- Notified the University of an infrastructure outage as the first point of contact for students and faculty, resulting in a campus wide outage being resolved.

Projects

Disc Golf Club Community Forum - fdcdisc.golf

November 2023 – Current

- Developed a community forum for my local Disc Golf club for players to organize events, check news, and manage competitive tag rankings, improving community engagement and centralizing event management.
- Frontend built with Kobweb & JS utilizing Bootstrap, with a Ktor/JOOQ/PostgreSQL backend for data management.
- Involved multiple integrations such as Discord OAuth and custom bot to manage events, messages, and users; YouTube/Google API to display latest channel videos and content; third-party API for current PDGA disc information.

Blog Site - blog.owen-peters.com

October 2024 – Current

- Developed a blog site for creative writing to discuss my current hobbies and technological interests.
- Utilizing Ktor's server side rendering capability with PocketBase BaaS for data management, featuring blog posts, categories, and fast load times. Managed and deployed on a VPS.

Goal Blogs Social Media - goalblogs.com

July 2024 – Current

- Community forum for users to track, share, and write about their goals in the shape of blog posts.
- Frontend built with Kobweb & JS utilizing Bootstrap, with a Ktor/JOOQ/PostgreSQL backend for data management.