Bret Bernhoft

Vancouver, WA
503-801-6123 ● **contact@bretbernhoft.com** ● **Portfolio** ● **LinkedIn** ● **GitHub**

Full Stack Software Engineer

Summary

Full Stack Software Engineer specializing in building web applications, cloud solutions and collaboration platforms. Skilled in React, TypeScript, Python, MySQL and AWS, with a strong focus on cybersecurity, scalable systems and intuitive user interfaces. Eager to apply technical expertise and open-source intelligence skills to drive innovation and impact at a forward-thinking organization.

Skills

Languages: JavaScript, TypeScript, Python, PHP
Frameworks/Libraries: React, Next.js, Node.js, Flask, AngularJS
Cloud And Infrastructure: AWS, Docker, Kubernetes, Netlify, Quickbase
Web Development: HTML, CSS, Tailwind CSS, WordPress, REST APIs
DevOps And Tools: GitHub, CI/CD, Linux, Cloudflare
Other: Artificial Intelligence, Cybersecurity, OSINT

Professional Experience

Performance Insulation And Energy Services, Inc.   **April 2021 – February 2025**
Full Stack Software Engineer
- Developed and maintained drag-and-drop scheduling dashboards with user management, feature enhancements and debugging, reducing labor costs by 30%.
- Built automated CI/CD pipelines with GitHub Actions and Docker containers, ensuring rapid, reliable and reproducible deployments across development environments.
- Implemented MySQL relational databases on AWS with custom user interfaces, enabling dozens of users to access tens of millions of historical records thousands of times daily.
- Built applications, tables, relationships and APIs on the Quickbase platform, saving the employer thousands of dollars through improved efficiencies over manual methods.

Technologies: Python, JavaScript, React, MySQL, AWS, Docker, Flask, Node.js, REST APIs, Quickbase, Angular, Vite, GitHub, Netlify, HTML and CSS

Freelance   **June 2018 – March 2021**
Full Stack Software Engineer
- Coded responsive websites and applications for clients, collaborated remotely with web development partners, and set up and maintained web hosting and analytics accounts.
- Improved SEO for client websites by optimizing content, metadata and site structure, resulting in a 45% average increase in organic search traffic and a 30% boost in keyword rankings across major search engines.
- Helped client websites and apps collectively attract over 2,000,000 unique visitors and users over 30 months.

Technologies: Python, JavaScript, TypeScript, React, Next.js, Node.js, AWS, HTML, CSS, Tailwind CSS, GitHub, WordPress, PHP and Vite

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Volunteering

Catchafire.org   **March 2021 – March 2025**
Full Stack Software Engineer
- Assisted 25 nonprofit organizations worldwide by providing web development, multimedia production, and social media expertise.
- Delivered over 125 hours of support through one-on-one consultations and longer-term projects organized via Catchafire.
- Contributed to a total impact of over $20,000 in professional services for nonprofits on the platform.

Technologies: Zoom, Artificial Intelligence, YouTube, LinkedIn, WordPress, GitHub, Web Hosting, HTML, CSS, JavaScript, React, Vite, AWS, REST APIs, Google Analytics, Mailchimp and Cloudflare

Meetup.com   **May 2022 – December 2024**
Organizer
- Facilitated free online gatherings twice weekly for the Web Developer Clubs network, creating a welcoming and practical environment for coders across 10 major U.S. cities.
- Helped grow and engage an active membership base of over 7,000 developers through consistent virtual events hosted via Meetup.com.
- Organized and supported over 100 online coding meetups annually, promoting collaboration, professional development and community building among JavaScript enthusiasts.

Technologies: Zoom, Discord, Replit, React, Google Analytics, Git, JavaScript, Meetup.com Platform, Google Calendar, YouTube, OBS Studio, Slack, Mailchimp, LinkedIn and Trello

Education

Cybersecurity Homelab
Build and operate a multi-node home LAN consisting of 10 devices, including servers, desktop PCs and single-board computers, running 15 self-hosted services across Linux environments. Gain hands-on experience across 5 major disciplines including cybersecurity, containerization, network architecture and system administration.
Technologies: Linux, Docker, Kubernetes, Proxmox, TrueNAS, pfSense, SSH and nginx

Portland State University
Communications Studies, emphasis on digital media
Activities and Societies: Volunteer Coordinator and DJ at PSU's AM radio station, KPSU

Clackamas Community College
Associate Of Arts – AA
Activities and Societies: Captain of the Speech and Debate Team

Certifications

Web Analyst
- Earned Web Analyst certification through Webtrends in Portland, Oregon.