

Samuel Bassong

Software Developer

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Skills

Languages: TypeScript, JavaScript, Python, SQL

Frontend: React, Next.js, Vue, React Native, Tailwind CSS, Bootstrap, Material UI, Mapbox GL JS, D3.js

Backend: Node.js, Express.js, Flask, Django, Nest.js, MongoDB, PostgreSQL, Pandas, REST APIs

Tools: AWS (S3, Lambda, IAM, CloudWatch), CI/CD, GitHub actions, Docker, Cypress, Jest

Experience

Lead Software Development Instructor | General Assembly | January 2026 — Present

- Architected and delivered production-style full-stack applications across MERN and Django/PostgreSQL stacks, reinforcing industry best practices in scalable system design, RESTful APIs, and data structures & algorithms
- Led end-to-end software development lifecycles for multiple team-based projects, mentoring junior developers through Agile/SCRUM workflows from architecture and implementation to deployment
- Conducted advanced code reviews, debugging sessions, and technical deep-dives to improve code quality, maintainability, and engineering proficiency across JavaScript and Python ecosystems

Associate Software Development Instructor | General Assembly | February 2024 — January 2026

- Mentored emerging developers through hands-on instruction, pair programming, and code reviews while building deployable full-stack MERN and Django reference applications in collaboration with enterprise partners

Software Engineer | Locana (TRC) | April 2022 — September 2023

- Spearheaded 5 key features for an enterprise MVP, contributing to a \$3M contract extension with a Fortune 100 wireless network client
- Developed 3 geospatial full-stack applications in collaborative Agile SCRUM teams, building backend services with Node.js and Python to process large-scale spatial datasets
- Built user-centric UI features using React, Mapbox, and D3 to enhance data visualization and user experience on data-intensive platforms on complex platforms
- Improved production reliability by implementing CI/CD pipelines and automated testing (Cypress, Jest), increasing coverage from 82% to 87%

Front-end Web Developer | Center Centre | December 2021 — April 2022

- Drove 9% quarterly revenue growth by developing responsive web pages and sales flows from Figma designs using JavaScript, HTML, and CSS
- Increased development efficiency by 30% by creating reusable CSS frameworks and accessible UI components (WCAG-compliant)
- Reduced onboarding time by 50% by overhauling technical documentation, accelerating team productivity and delivery speed

Education & Certifications

Bachelor of Science, Computer Science (3.75 GPA) | Oregon State University | expected 2027

Certified AWS Cloud Practitioner | Amazon Web Services | September 2023

Full-stack Software Engineering Bootcamp Certificate | General Assembly | October 2021