

Matthew Anderson

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Software engineer with seven years of experience building backend services and full-stack applications, mostly in Python, FastAPI, React, and PostgreSQL. I've built systems from scratch, run Kubernetes and CI/CD in production, and led small development and IT teams.

EXPERIENCE

Xtremis.AI · Full Stack Engineer Apr 2026 – Present

- Helped build spectrumOS, the winning entry in DIU's Spectrum Strike Prize Challenge out of 43 respondents; took over an existing codebase and delivered the final-round package and live demo in 35 business days.
- Built a LangChain agent to keep development moving when the planned agent integration was blocked.
- Write field test plans for MPU-5 mesh network throughput testing and coordinate them with RF engineers and the operations team.

Gravitate · Software Engineer Feb 2024 – Apr 2026

- Built and maintained Python/FastAPI microservices behind the company's backend API.
- Built a documentation platform with CI/CD publishing, several third-party integrations, and accounting reconciliation tools.
- Led a pod of 3 developers and 2 QA engineers; moved the team from Scrum to Kanban to ship smaller changes more often.

7 Brew Coffee · Lead Software Engineer & IT Manager May 2022 – Feb 2024

- Ran technology across 200+ locations, including point-of-sale, reporting, and inventory systems.
- Managed vendor integrations, including Verkada security systems across stores.
- Managed a team of 4 developers and IT staff; set up Kubernetes deployments and CI/CD pipelines.

Blogs for Brands · Full Stack Developer Aug 2019 – Jun 2020

- Built a contractor management platform with React, FastAPI, and SQL Server.
- Encrypted W-2 data and other PII at rest and in transit.

Walmart · Ethics & Compliance Web App Intern Oct 2018 – May 2019

- Migrated an internal compliance data platform from legacy frameworks to Vue.js.
- Built React and React Native dashboards used by compliance officers across divisions.

TEACHING

Computer Science Academy, John Brown University · Founder & Instructor Sep 2019 – May 2022

- Started and ran an 8-week Python course for students ages 11–18; raised funding and awarded scholarships to underserved students.

Code Ninjas · Instructor Sep 2018 – Jan 2020

- Taught Python, JavaScript, and HTML to students ages 7–14 in after-school sessions.

SKILLS

Languages & frameworks: Python, FastAPI, JavaScript, React, React Native, Vue.js, Nuxt.js, LangChain

Data: PostgreSQL, SQL Server, MongoDB

Infrastructure: Kubernetes, CI/CD