

DANIEL OLAMIDE AJADI

FULL-STACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full-stack software engineer with six years of experience building and operating production web applications end to end, from React and TypeScript interfaces to Python and Django services, REST APIs, and PostgreSQL data systems. At Mobilize, designs and ships customer-facing and internal features, runs asynchronous workloads with Celery, and keeps services reliable through automated testing, observability, and production debugging. Works across product, design, and engineering, and brings a performance mindset from leading load testing for high-traffic signup workflows. Builds AI into products, including an AI event-creation feature on an internal AI platform, and uses AI-assisted development daily under strict review discipline.

TECHNICAL SKILLS

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

Frontend: React, Vue.js

Backend and Data: Django, Node.js, REST APIs, Celery, PostgreSQL, Python web crawling and data collection

Testing and Quality: Cypress, Vitest, React Testing Library, automated testing, load testing, production debugging

Cloud and Tooling: AWS (ECS, CloudWatch), Docker, Git, CI/CD, Linux, Datadog, Sentry

Development Workflows: Technical documentation, code reviews, AI-assisted coding with Claude, Git worktrees

PROFESSIONAL EXPERIENCE

Software Engineer II

Sept. 2022 - Present

Mobilize | Remote

- Led load testing for high-traffic signup workflows, including test planning, cross-team coordination, execution, and analysis; identified a concurrency issue during surge testing.
- Validated a fix that reduced average signup latency by approximately 98% under tested load and eliminated observed timeouts.
- Developed and maintained customer-facing and internal functionality using React, TypeScript, Django, REST APIs, and SQL-backed application services.
- Led delivery of a volunteer-hosting feature end to end, working with product, design, and engineering on the user experience and supporting application workflows.
- Implemented automatic waitlist advancement, including backend logic, APIs, asynchronous processing with Celery, and user-facing controls.
- Built the "Draft with AI" event-creation feature on an internal AI platform, including design work on splitting AI usage credits per organization.
- Contributed to Django framework upgrades and application reliability work, including test coverage, investigation of intermittent failures, and production debugging.
- Authored technical documentation, participated in design discussions, reviewed pull requests, and worked across engineering and product teams.

Software Engineer

Mar. 2022 - Jul. 2022

Reprise | Remote

- Worked on integrations with external platforms, including Salesforce, using Python/Django backend services and REST API workflows.

- Contributed to JavaScript and Vue.js frontend functionality related to integrations and customer workflows.
- Worked with other engineers to diagnose integration issues, test changes, and maintain technical documentation.

Software Engineer

Nov. 2020 - Feb. 2022

Vertical Knowledge | Cleveland, OH / Remote

- Built and maintained Python web crawlers and data-collection workflows for gathering information from external sources.
- Investigated and fixed production crawling issues and contributed improvements to the internal collection framework.
- Used Python and SQL for data analysis and reports; also worked on full-stack application features with Django and React.

Team Lead

Mar. 2020 - Nov. 2020

Lambda School | Remote

- Coordinated a team of six student developers on application work, including stand-ups, one-on-one check-ins, and stakeholder communication.

Mechanical Engineer, Combustion & Mechanical Design

Oct. 2017 - May 2019

Olstrad Engineering | Kent, OH

- Designed and documented mechanical and industrial combustion equipment, including drawings, specifications, and manufacturing considerations.
- Performed thermodynamic and fluid-flow calculations, investigated equipment issues, and prepared technical reports.

EDUCATION

University of Akron | Bachelor of Science, Mechanical Engineering

Lambda School | Diploma, Full Stack Web Development

Cuyahoga Community College | Mechanical Engineering Technologies coursework (transferred)