Sofia Alvarez

Software Engineer

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SUMMARY

Software engineer with 2 years building backend services in Python and TypeScript at a B2B SaaS company. Ships features from ticket to production, writes the tests that keep them there, and takes a turn on the team's on-call rotation.

EXPERIENCE

Software Engineer — Brightpath Health

07.2024 – Present

- Built the appointment-reminder service in Python (FastAPI) and PostgreSQL that sends 60,000 SMS and email reminders a week; no-shows at the pilot clinics fell 18%.
- Added caching and two missing indexes to the availability API, cutting p95 response time from 1.2s to 340ms.
- Wrote integration tests for the booking flow, lifting coverage from 52% to 81% and catching two double-booking bugs before release.
- Resolved 40+ production issues on the weekly on-call rotation and wrote three runbooks the team still uses.
- Migrated the scheduling screens from JavaScript to TypeScript (React) one module at a time, with no feature freeze.

Software Engineering Intern — Brightpath Health

06.2023 – 08.2023

Built a React tool for support staff to reschedule appointments in bulk, which went to production and replaced a spreadsheet process.

PROJECTS

Transit delay alerts (Go, Redis): polls the city transit feed and messages subscribers when their route is running late; 300 users.

SKILLS

Python, TypeScript, JavaScript, FastAPI, React, PostgreSQL, Redis, REST APIs, AWS (Lambda, S3, RDS), Docker, CI/CD (GitHub Actions), Pytest, Git, Linux

EDUCATION

B.S., Computer Science — Colorado State University

08.2020 – 05.2024

CERTIFICATIONS

AWS Certified Cloud Practitioner, Amazon Web Services (03.2025)

LINKS

GitHub: https://github.com/example-sofia