Alex Carter
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Professional Summary

Technical developer with strong experience in building web apps, API systems, cloud-based tools and backend features. Worked on real projects involving automation, deployments and database management.

Technical Skills

- Backend: Python (FastAPI, Flask), Node.js (Express)
- Frontend: React.js, JavaScript, HTML, CSS
- Databases: PostgreSQL, MongoDB, Redis
- Core Concepts: REST APIs, authentication, JSON, microservices basics
- DevOps: Docker, CI/CD pipelines, Git
- Cloud: AWS EC2, S3 basics
- Tools: Postman, Linux commands, VS Code

Major Projects

1. API-Based Job Recommendation Engine
Developed a system that collects job data using APIs, ranks jobs using filters and serves results through backend endpoints.

2. Automated Video Workflow Tool
Created a backend service using Python and FFmpeg that compresses videos, extracts frames and generates small previews.

3. Inventory Management Dashboard
Full-stack app for tracking items, sales and logs using React frontend and FastAPI backend.

4. DevOps Deployment Helper
Made a small utility that generates Docker files, runs containers and checks service health.

Work Experience

Software Developer Intern — TechNova Solutions (2024–2025)
- Built backend APIs and integrated external services.
- Improved performance of slow endpoints.
- Fixed deployment errors in Docker services.

Junior Web Developer — CodeSphere Labs (2025–Present)
- Working on full-stack modules for live client projects.
- Built dashboards, reports and optimized API layers.
- Collaborated using Git, reviews and CI/CD tools.

Achievements

- Completed 12+ technical projects.
- Improved API response time for internal service by 25%.
- Runner-up in internal hackathon for automation project.

Hobbies

Cloud learning, automation scripts, reading tech articles.