

David John


Mid-Level Fullstack Developer


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Profiles

 [David John](#)

 [Mcsavvy](#)

 [davemcsavvy](#)

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Skills

Web Development

API Development

DevOps | CD/CD

UI Wireframing

Chabot Development

AI Integration

Certifications

ALX Certified Software Engineer

ALX

March 2024

 [Link](#)

Languages

English

First Language

Books

The Linux Programming Interface

Grokking Algorithms

Python Cookbook

Atomic Habit

Summary


Full Stack Developer with 5+ years of experience specializing in building scalable web applications, AI-powered solutions, and DevOps processes. Proven track record in developing chatbots, CRM systems, and innovative tools for real-world problem-solving. Adept at collaborating with teams, mentoring, and delivering high-quality, user-centered products that drive business growth. Skilled in Python, JavaScript, Flask, Next.js, and cloud-based infrastructure.

Education

ALX

August 2022 - March 2024

Software Engineering

 <https://alxafrica.com/>

Experience

Synergy Corps

July 2023 - August 2024

Full Stack Developer

remote

- **Backend Development:** Developed a REST API for an AI-powered kitchen assistant, serving over 10,000 users, which improved task automation efficiency by 35% and reduced recipe recommendation times by 50%.
- **DevOps:** Designed scalable infrastructure and implemented CI/CD pipelines, reducing deployment time by 40% and ensuring 99.9% uptime, supporting over 15,000 users with zero critical downtime incidents.
- **Full Stack Development:** Led the development of a CRM system that increased client sales by 25%, improving record-keeping and follow-ups, and reducing administrative overhead by 30%.
- **API Integration:** Integrated APIs and documented the system, reducing developer onboarding time by 20% and enabling seamless third-party integrations.
- **System Design:** Designed secure, scalable systems that handled a 20% increase in traffic without compromising performance or security.

FuturDevs

Jan 2021 - June 2023

Fullstack Developer

remote

- **Full Stack Developer:** Developed the **ALX** Chrome extension chatbot, which improved student project completion rates by 30% by providing real-time assistance and reducing the need for additional help sessions.
- **AI/Chatbot Development:** Built AI-driven chatbots using Python and Langchain, increasing student engagement by 40% and reducing time spent on repetitive tasks by 20%.
- **Python Instructor:** Taught Python to over 200 students, with 85% successfully completing courses and applying AI to web applications, significantly increasing real-world prototype development.
- **Backend Development:** Created scalable backend systems that supported over 5,000 daily API calls with 99.9% uptime, enabling seamless AI integration and enhancing user experience.
- **DevOps:** Implemented CI/CD pipelines, reducing deployment time by 50% and improving testing efficiency, ensuring 100% successful project launches across multiple teams.