

Davis Crain

senior software engineer

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Senior Software Engineer with 8+ years building scalable backend systems and workflow automation platforms. Expert in Python/Django with proven experience processing millions of events daily via Kafka, integrating 20+ partner APIs, and architecting event-driven systems. Passionate about developer productivity and automation.

EXPERIENCE

Senior Software Engineer

10/2021 - Present

Peloton Interactive

Remote

- Technologies: Python, Django, Kafka, PostgreSQL, AWS, Kubernetes, Datadog
- Design PostgreSQL database schemas and optimize query performance for production B2B features, including indexing strategies and data modeling for high-volume event processing
- Architect event-driven Corporate Wellness employee offboarding system using Kafka, automating billing cutoffs and ensuring seamless access termination for departing users
- Build and scale highly available backend services for Peloton's Corporate Wellness and B2B programs generating \$30M+ annual revenue
- Orchestrate API integration and SFTP file transfer projects with 20+ partners
- Implement 'right to be forgotten' data deletion functionality, enabling automated removal of employee records in compliance with Corporate Wellness partner requirements

Senior Full Stack Web Application Developer

01/2017 - 10/2021

Kunz, Leigh & Associates

Remote

- Technologies: Java, Spring Boot, Oracle, Angular, Jest/Karma/Spock testing
- Build and maintain enterprise, multi-tenant web application for Michigan Medicaid program recovery (\$40M+/year), handling protected health information (PHI) with security controls in HIPAA-compliant manner within SOC 2 Type II certified organization.
- Mentor junior developers through code reviews and establish testing best practices using Jest/Karma/Spock
- Lead migration of legacy module to new cloud multi-tenant web application, modernizing critical \$5M+/year revenue recovery module

Python & Django Teaching Assistant

09/2016 - 12/2016

The Iron Yard

Greenville, SC

- Provided technical mentorship and instruction to Backend Engineering students on Python and Django

Manager of IT & Infrastructure

02/2015 - 05/2016

The New Human

Brevard, NC

- Technologies: Zapier, WordPress, API Integration
 - Designed and implemented workflow automations connecting multiple SaaS platform APIs via Zapier
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SKILLS

- Python, Django, PostgreSQL
- Kafka, RESTful APIs, GraphQL, Microservices
- AWS, Terraform, Kubernetes, Datadog
- Java, Kotlin, Jest/Karma/Spock

EDUCATION

Backend Engineering with Python and Django

The Iron Yard, Greenville, SC

- Completed 12-week intensive immersion program for backend development focused on Python, Django and RESTful APIs. This immersive coding course culminated with a final project, *fathen.co*, a *Yelp for farmers markets*, a full featured web app deployed to Heroku.

Bachelor of Arts Wilderness Leadership and Experiential Education

Brevard College, Brevard, NC