Cameron Stewart

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Software Engineer

Versatile Software Engineer with a track record of architecting, building, and deploying full-stack applications. Deeply proficient across the modern tech stack, with expertise in backend languages including **Python (Django)**, **C# (.NET)**, and **TypeScript (Next.js)**. Passionate about creating scalable, **event-driven** systems, crafting elegant user experiences, **automating processes** and integrating **AI solutions**.

SKILLS

Frontend Development

- Languages: TypeScript, JavaScript
- Frameworks: React, Next.js, React Native
- State Management: TanStack Query, Zustand
- Styling: Tailwind CSS, CSS3/SASS, shadcn/ui
- CMS/Tools: WordPress, Umbraco, PostHog

Backend Development

- Languages: Python, C#, TypeScript (Node.js)
- Frameworks: Django (Rest Framework), FastAPI, .NET, Hono, Next.js
- Async & Task Queues: Celery
- Databases: PostgreSQL, SQL Server, MySQL, Redis
- ORM: Django ORM, EF Core, DrizzleORM

Cloud & DevOps

- Cloud (AWS): EC2, ECS, Fargate, Lambda, S3, RDS
- IaC: Terraform, SST
- Containerization: Docker
- CI/CD: Github Actions
- AWS CodePipeline
- Observability: Grafana Stack, CloudWatch, Sentry
- Linux Server Administration

WORK EXPERIENCE

NEWRGM INDUSTRIES • Searcy, AR • 01/2024 - Present

Software Engineer & Founder

- Architected and deployed full-stack SaaS products, engineering backends with **Python (Django REST Framework, FastAPI)** and **Celery** for asynchronous tasks, and interactive frontends with **React/Next.js**.
- Built and managed scalable infrastructure on **AWS using Terraform and SST**, leveraging event-driven patterns with SQS/SNS for high-resilience microservices on ECS/Fargate.

Fathom Realty • Little Rock, AR • 08/2021 - 01/2023

Realtor

- **Developed** a custom lead generation platform to **automate and streamline market analysis**. The tool featured a **Python/Django backend** for data scraping (processing information on 10,000+ realtors) and a **Next.js/React frontend** for data visualization.
- **Increased client outreach** efficiency by over 50% and improved lead conversion rates through the use of custom-built automation tools.

ATA International • Little Rock, AR • 10/2020 - 01/2022

Web Developer and Administrator

- **Developed** and maintained full-stack features using **C#, .NET, and SQL Server (EF Core)** for a system serving 130,000+ members across 23 countries.
- **Built** and integrated **React-based administrative dashboards** to streamline user management, connecting to the .NET backend via secure REST APIs.
- **Led** a CMS migration to **AWS ECS/Fargate**, automating deployment in a Linux environment and improving system reliability and team productivity by 75%.

Freelance • **Searcy, AR** • **11/2017 - 10/2020**

Software Engineer

- **Developed** full-stack applications using React frontends integrated with WordPress backends for diverse industries
- **Managed** complete project lifecycles from client consultation to deployment and maintenance
- **Engineered** RESTful APIs with comprehensive documentation and third-party service integrations.

Arkansas Democrat-Gazette • **Little Rock, AR** • **12/2018 - 01/2020**

Digital Tech Support Specialist

- **Led** the technical setup and implementation for a 40-person sales call center, including network cabling, hardware/software installation, and system configuration; optimized operational workflows, contributing to a 30% reduction in call resolution times.
- **Managed** the deployment and ongoing support of Apple devices (iPhones, iPads) to employees and customers using Apple MDM, ensuring connectivity and device accountability for field operations.
- **Provided technical support** for **3000+** customers, achieving a **95% satisfaction rate** through effective problem-solving.

Design Group Marketing • **Little Rock, AR** • **04/2019 - 10/2019**

Frontend Developer • **Contractor**

- **Developed** responsive and performant marketing pages and user interfaces using **React**, JavaScript, and WordPress for a diverse client base.
- **Implemented** deployment strategies using AWS Elastic Beanstalk for larger applications and Lightsail for smaller WordPress sites.

PROJECTS

CastleCare

On-demand home services platform

- **Architecture:** Python/Django REST Framework backend deployed on AWS ECS/Fargate, with a Next.js frontend hosted on Vercel for optimized delivery.
- **Infrastructure:** AWS resources (VPC, RDS, ECS) provisioned via Terraform. CI/CD pipelines managed with GitHub Actions for automated testing and deployment.
- **Key Features:** Dynamic, real-time pricing engine using a third-party API (Zillow) to fetch property data. E-commerce workflow with Stripe integration for secure payments. Event-driven order dispatch system using SQS/SNS to notify workers.

QwikCalAI

AI-powered calendar automation tool

- **Architecture:** Serverless-first design using AWS Lambda and Python (FastAPI) for a cost-effective, highly scalable backend. A lightweight React frontend handles file uploads and user interaction.
- **Infrastructure:** Infrastructure managed with AWS SST (Serverless Stack Toolkit) for rapid development. Utilizes S3 for image storage and AWS SES/SNS for multi-channel file delivery.
- **Key Features:** AI-powered schedule parsing using the Gemini Vision API to accurately extract event details, dates, and times from images. On-the-fly generation of standard .ics calendar files from extracted JSON data. Multi-channel delivery options for users to download, email, or receive calendar files via SMS.

EDUCATION

Bachelor of Science in Software Engineering

Western Governor's University

AWS Certified Cloud Practitioner