





MARIO OLIVER

FULLSTACK ENGINEER



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Results-driven Software and Infrastructure Engineer with a track record of delivering high-impact, high-resiliency applications and managing critical Web Apps, APIs & databases. Adept in developing RESTful APIs, fullstack, & mobile Applications, optimizing AWS Cloud Infrastructure, and implementing DevOps automations. Fascinated with implementing AI to build new functionality in existing systems. Seeking to leverage my expertise in a dynamic and innovative environment to drive business success.

EXPERIENCES

2023 - Modus Planning

Present Staff Software Engineer

- Working side-by-side with the CTO/Cofounder to scale the development team and infrastructure beyond the founder.
- Managing the AWS infrastructure, API, server, and client components of a fullstack application serving 40+ CPG businesses.

2022 MO Films LLC

-2023 Owner & Freelancer

- Built a digital agency and film production company focused on creating a lead generation system that leveraged websites, CRM-automations, sales funnels, ads, and video content strategy.
- Our largest client was Kahoot!, a multi-billion dollar ed-tech org.

2019 Capital One

- 2022 Senior Software Engineer

- Managed and maintained the "single source of truth" API and database for all customer financial data, serving 160 million users and handling 100,000+ TPS with an availability of 99.9^6.
- Developed Spring Boot RESTful APIs (microservices) using AWS services and Cassandra Distributed Database, resulting in a 100% API adoption across Capital One.
- Implemented AWS Autoscaling for computing resources, ensuring optimal performance during peak traffic periods.
- Spearheaded DevOps deployment using Jenkins, Docker, AWS ECS, and Terraform, streamlining deployment processes and achieving a 40% reduction in time-to-market for new features.
- Established a robust production monitoring system using Splunk, New Relic, DataDog, and PagerDuty, enabling proactive identification and resolution of critical issues.
- Successfully adopted the YBYO (You Build it You Own it) approach to infrastructure management, enhancing team accountability and collaboration, resulting in a 99.9999% durability percentage

2019 Deloitte

Senior Software Engineer & Consultant

- Developed disruptive technology and solutions in the Asset Tracking IoT space.
- Implemented a native-Android application using IoT SDKs for real-time asset tracking and inventory dynamic-scheduling.
- Led the creation of the Enterprise Digital Tracking offering for Deloitte's Federal practice.

EDUCATION

Duke University

2012 - 2016 | Bachelor in Computer Engineering | Bachelor in Economics

SKILLS

- Javascript
- React
- Java
- Python
- Go
- C/C++
- CSS3/HTML5
- SQL-based DBs
- Document DBs
- Vector DBs
- Node/Express
- Next.js
- Typescript
- AWS
- EC2 Servers
- Container (ECS)
- Route 53
- CloudFront
- Redis
- Lambda
- Docker
- Splunk
- Postman
- Git
- Terraform
- Linux

- English & Spanish (native speaker)
- AWS Cloud Practioner Certified
- working on AWS Cloud Developer and Architect Certificates

2016 Booz Allen Hamilton

- 2019 Senior Consultant

- Developed a fully scalable Native Mobile app leveraging AWS Cloud infrastructure for the Guard Your Health program, leading to the successful delivery of the app and exceeding the client's goal winning a 6-month contract extension.
- Presented the product to senior leaders, including Deputy Director, Two Star Major General Timothy McKeithen, showcasing the app's capabilities and garnering positive feedback.