Joe Carlton

Full Stack Engineer

I am a Software Engineer with extensive experience working in startup environments to deliver timely, capable products and applications that best utilize the benefits of cloud computing. I excel in leading remote teams, serverless API's, JavaScript/TypeScript software development, ecommerce applications, and project management.

Work History

2020-09 - Current

Technical Lead Engineer

Provana, Inc., Remote

Led a team of three talented developers though efficiently and confidently delivering a cloud-based, cross-platform, ecommerce app from conception to $20k+ in revenue in its first 2 months of focus group testing.

- Outlined work plans, determined resources, wrote timelines and generated initial budgets as part of project scope determination.
- Defined parameters for technical development tasks such as API and data acquisitions.
- Designed, coded, tested, debugged and documented programs and developer tooling using agile development practices.
- Implemented DevOps across deployment and testing strategies and application monitoring.
- Provided guidance and direction to less experienced staff in resolution of highly complex technical problems.
- Implemented and adopted cloud technologies and best practices for automation, configuration, monitoring and platform scalability.

2019-09 - 2021-08

Systems Engineer

Fragadelphia, LLC, Philadelphia, PA

Designed, built, and managed on-premises systems

Contact

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Skills

Cloud services
●●●●●
Excellent

Software Development
●●●●●
Excellent

System administration
●●●●●
Excellent

Node/Typescript Specialist
●●●●○
Very Good

Testing and debugging
●●●●○
Very Good

API design knowledge
●●●●○
Very Good

and networks for event/media production applications spanning 150+ workstations with in-house LAN.

- Forked an industry leading open source tool for server management and adapted it for the client's specific needs.
- Oversaw project scope installation and commissioning for compliance with specifications, project schedule and industry best practices and techniques.
- Performed installation, maintenance, and upgrades on servers and workstations.
- Developed volunteer policies and procedures, codes of conduct and volunteer standards.

Education

2019-09 - 2021-02

No Degree: Project Management

University of California, Irvine - Irvine, CA

Affiliations

Underdog Devs: https://underdogdevs.org
- A community of software engineers supporting aspiring developers who come from disadvantaged backgrounds or who are formerly incarcerated
- UDD provides mentees with a stipend while they study full time with our mentors
- We try to lead people to jobs through industry contacts at the end of each cohort

Certifications

2020-04   AWS Certified Cloud Practitioner

Interests

IoT and Device Management

E-bikes

Jazz

Project Management
●●●○○ Good

Java/Spring
●●●○○ Good

Go
●●○○○ Average

Python
●●○○○ Average

Pawn/Embedded languages
●●○○○ Average

Software

JavaScript/TypeScript
●●●●● Excellent

Cloud API's and Services
●●●●● Excellent

DevOps + Developer tooling
●●●●○ Very Good

Linux/Virtualization
●●●●● Excellent

Google Cloud Platform/Firebase
●●●●○ Very Good

Data Modeling
●●●●○ Very Good

Vue.js

●●●●○

Very Good

NoSQL/Mongo/Dynamo
/Firestore

●●●●○

Very Good

Ionic Framework

●●●○○

Good

Source Control Patterns

●●●○○

Good

Vue.js