Jason Davis-Cooke

Whitinsville, MA | (774) 573-1843 | jason.daviscooke@gmail.com | https://www.linkedin.com/in/jason-davis-cooke

Software Engineering Leader

Accomplished, driven, and empathetic Software Engineering Leader with a unique and diverse background in performance, devops, and software engineering coupled with the distinct quality of immediately establishing team rapport and trust. Successful track record of delivering quality software according to product roadmaps, hiring and retaining quality talent, and building and fostering high performing teams on a foundation of trust and respect.

Core Competencies

- Python (Flask, FastAPI)
- Javascript/Typescript (Nodejs, ExpressJs, React)
- API Design and Development
- AWS / GCP
- Terraform
- Cloud Architecture
- Team Leadership / Mentoring / Coaching
- Agile/Scrum Processes
- Communication

Experience

EQRX | 2022 – 2023
Director, Software Engineering

- Created and executed against hiring plan according to budgets for H22022 quickly hiring 2 Engineers to work on mission critical python API resulting in a **66% performance improvement** on the front-end dashboard.
- Defined and tracked OKRs which measured the performance of individuals and the organization. This **streamlined planning and tracking processes** which improved efficiency and alignment with strategic goals.
- **Enhanced overall code quality** by evangelizing software engineering best practices across all teams that actively contributed to code development and setting high coding standards.
- Implemented and deployed Backstage as a documentation hub for the data platform. By consolidating disparate sources of information, this centralized resource improved accessibility and knowledge sharing, **enhancing collaboration and productivity** across teams.

INDIGO AGRICULTURE | 2018-2022
Senior Engineering Manager

- Hired, coached, and performed 1:1s for **12 Engineers across 4 teams**
- Oversaw and contributed to the development of high priority python APIs providing data to the Indigo Grain Marketplace mobile/web applications.
- Collaborated with Product Management and key stakeholders to create and maintain roadmaps that aligned with business objectives, ensuring **efficient project delivery** and maximizing business value.

- Tracked key engineering metrics and effectively communicated results to senior engineering leadership, enabling **data-driven decision-making** and continuous improvement.
- Designed and built python APIs to manage user accounts, business accounts, and location data as a day one member of a team rebuilding the Indigo Marketplace product from the ground up under a tight 60-day deadline to **close a key strategic partnership.**
- Architected and developed the access management platform which introduced an attribute-based access control paradigm utilizing Open Policy Agent. This platform revolutionized the engineering's organization access control mechanisms, **enhancing security and simplifying authorization processes.**

CIMPRESS | 2014-2018
Lead Software Engineer, 2017– 2018
- Designed and developed access management system for role-based access control with p95 <50ms latency requirement.
- Led a squad of Platform Success Engineers in the US and India
- Engaged business units in Europe to provide consulting and on boarding assistance for platform services.

Software Engineer II, 2016-2017
- Leveraged Amazon Web Services to build highly scalable, highly available nodejs services utilized by the platform.
- Developed features for the Cimpress Developer Portal allowing internal API developers to publish swagger documentation for their own APIs and discover APIs provided by other teams.

DevOps Engineer, 2015-2016
- Developed and provided tools for the deployment of internal infrastructure.
- Leveraged infrastructure definition tools such as puppet and terraform for quick and repeatable builds of internal infrastructure such as Jenkins CI & ELK stacks.

Senior Software Quality Engineer, 2014-2015
- Defined quality guidelines for agile development team.
- Implemented test automation for continuous deployment.
- Supported internal service customers.

VISTAPRINT | 2011-2014
Performance Engineer, 2012– 2014
- Monitored order pipeline pages in Test environments.
- Performed load testing on the Vistaprint website in Test environments.
- Captured and analyzed code profiles.
- Developed tools to assist in all the above tasks.

Education

BACHELOR OF SCIENCE, COMPUTER SCIENCE & SOFTWARE ENGINEERING | 2012 | UNIVERSITY OF MASSACHUSETTS AT DARTMOUTH

Activities and Interests

Co-Host, Brainwave Exchange Podcast

Triathlete