Karn Ratana

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Remote,

Summary

A software engineering leader with 9 years of management experience and 19 years of software development. Strong focus on delivering quality products on schedule, utilizing the best technologies, and helping team members excel. Experienced with small startup cultures and large corporation processes, including transitions through acquisitions.

Skills

Coordinate cross team projects, Manage remote teams, Architectural designs and technical documentations, Full stack development background, Collaborate with wide range of stakeholders

Experience

Software Engineering Manager

Indeed • Remote   05/2022 - Present

- Managed a fully remote team of 10 engineers, working with multiple PMs, and delivering multiple high priority projects simultaneously.
- Built bidirectional candidate data integrations to and from ATS partners, which became the foundation for multiple Indeed features and offerings.
- Scaled the integrations with 3x increase in traffic in the last 12 months with faster growth expected as more integrations go live.
- Led the team on a joint project with multiple orgs on delivering new features in preparation for new subscription model.
- Supported a joint project where all Hosted Jobs features are available to Indexed Jobs, increasing potential revenues by $880M annually.
- Collaborated with multiple Indeed teams in a joint effort to consolidate duplicate features between Enterprise org and SMB org, leading to labor and infrastructure cost savings.

Principal Software Engineer

Cox Automotive • Remote   03/2022 - 05/2022

- Led a distributed engineering team, working on digital multi-point inspection and service tracking software for auto dealerships.
- Implemented Blue-Green deployment which eliminated deployment downtime, provided quick rollback, and improved testing process.

Lead Technical Architect

Cox Automotive • Remote   02/2018 - 03/2022

- Led a distributed engineering team by providing technical guidance, mentoring software engineers, and fostering innovation.
- Collaborated with project managers, product and engineering directors, and UI/UX designers.
- Designed and successfully migrated applications and infrastructure to AWS within the requested timeline (12 months).
- Optimized database queries, with up to 95% improvement on search features.

Software Engineering Manager

Cox Automotive • Remote   02/2016 - 02/2018

Managed a distributed, 9-person engineering team through a large acquisition by collaborating with new Product Managers, consolidating Dealership Management software integrations, and migrating infrastructure to different data centers while scaling applications for a 200% wider customer base.

Software Engineering Manager

Dealertrack Technologies, Inc. • Remote   07/2014 - 02/2016

Scaled an automotive dealership digital multi-point inspection and service tracking software by 300% customer base, while guiding a distributed engineering team of 7 through an acquisition (from startup to enterprise) by adopting Scaled Agile process and migrating infrastructure between large data centers.

Chief Technology Officer

ASR Pro • Remote   09/2012 - 07/2014

Led the engineering department of a startup, building one of the first fully electronic vehicle multi-point inspection software. Introduced and fostered a remote-first culture. Coordinated with Product, Sales, and Support to ensure the success of the company, which eventually ended with an acquisition. Even though the software had changed names through multiple acquisitions, it remained one of the best in its class.

Lead Software Engineer

AutoLoop • Clearwater, FL   11/2008 - 09/2012

Developed a digital multi-point inspection and service tracking software for auto dealerships.

Software Engineer

SuperStock • Jacksonville, FL   01/2007 - 05/2008

Maintained and improved a stock photography e-commerce site.

Web Developer

Clayton Kendall • Remote   05/2005 - 01/2007

Maintained and improved an e-commerce site.

Education

Master of Science in Computer Engineering

University of Florida • Gainesville, FL   05/2005

Bachelor of Science in Computer Science

University of Florida • Gainesville, FL   05/2003