JIN S. LEE

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SUMMARY

Experienced software engineering and leadership professional with over 7 years of management and 10 years of development. Currently working in the movies and entertainment industry. Seeking a hands-on engineering management position (in any industry) at a startup or similar venture.

SKILLS LIST

Management	Architecture	Backend	Frontend	Data
- Team building - Performance management - Operational efficiency - Roadmap planning - Budget - Product innovation	- AWS - Docker - Kafka - AMQ	- Ruby - Python - Some Java, .NET, Go - nginx	- Javascript - Typescript - ReactJS - MUI - Bootstrap - Tailwind	- PostgreSQL, MySQL, Oracle - Elasticsearch - Dynamo - Redis - Mongo

PROFESSIONAL EXPERIENCE

DELUXE MEDIA (bydeluxe.com)   **2014 - Present**

VIce President, Software Engineering   **2021 - Present**
○ Lead organization of 8 direct reports and 60 overall engineers for development of cloud-based media supply chain, which processes and delivers Hollywood movies and TV shows to online streaming services and other customers.
○ Responsible for planning, execution, and delivery of strategic software development initiatives which expanded product offering for customers, resulting in successive growth every quarter through 2022.
○ Work with numerous technology partners to enable a "best of breed" platform and "right tool for the job" software stack, including: AWS, Datadog, Okta, Hashicorp, Docker, Kafka, MongoDB, PostgreSQL, Python, .NET, Golang, ReactJS, and more.
○ Develop a video workflow that automatically detects studio logos, commercial black frames, slates, and end credits using deep learning and video processing.

Director, Software Engineering   **2019 - 2021**
○ Lead four teams, totaling 25 engineers, responsible for core services development on Deluxe's media fulfillment pipeline, as well as several front end applications enabling video playback during online movie premieres and live events.
○ Work closely with product, operations, and stakeholders to scope, schedule, and deliver key product initiatives; review architecture solutions across platform and services.
○ Responsible for identifying and solving numerous engineering and process bottlenecks, optimizing for cost and performance, resulting in 15% savings in AWS and many person-hours saved.

Manager, Engineering   **2015 - 2019**
○ Lead team of 6 engineers responsible for ingesting, processing, and cataloging movie and media files at scale; over 100TB of content per day.
○ Grow a culture of exploring new technologies, team collaboration, and career growth. Provide mentorship, performance review, and software design best practices to engineering members.

Senior Software Engineer   **2014 - 2015**
○ Architect and develop web applications using technologies such as: Ruby on Rails, ReactJS, PostgreSQL, RabbitMQ, Redis, Elasticsearch, and many others to fulfill customer feature requests and fulfill requirements.
○ Champion an agile development lifecycle amongst team members, focusing on continuous delivery, testing, and peer review to improve product quality and reduce operational deficiencies.
○ Work closely with stakeholders, serve as technical lead for all web development, and conduct interviews.

AMCO INTERNATIONAL EDUCATION SERVICES   **2012 - 2014**

Senior Software Engineer
○ Architected an internal DropBox-like tool to sync large amounts of local files to Rackspace Cloudfiles.
○ Developed an online PDF reader which converts PDFs into HTML, CSS, and images as a DRM-esque solution for proprietary PDF content.
○ Developed an online test taking interface in partnership with SDSU; deployed to over 200 schools in Mexico.

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO   1998 - 2002
BS, Mathematics & Computer Science

CERTIFICATIONS

Amazon Web Services Developer - Associate   2019
Amazon Web Service Solutions Architect - Associate   2019