

👤 ABOUT ME

Experienced Senior Software Engineering Manager with a proven track record of leading high-performing teams, fostering innovation, and driving project success

🎓 EDUCATION

McMaster University

B.Eng. Mgmt, Software

📅 Apr 2017

Five-year program combining engineering with business

🎓 SELF STUDY

Udacity

Deep Learning Nanodegree

📅 June 2018

Neural Networks & AI

🔧 TECHNICAL SKILLS

NodeJS TypeScript

Java Python

VueJS // React // Angular

SQL & NoSQL Databases

Kubernetes Docker

CI/CD

GitHub Actions // Jenkins

Alerting // Monitoring

⚙️ PERSONAL PROJECTS

SMILENDIAL.AI

AI based sales dialer

DROIDSMS.COM

Pioneered a solution to send SMS from an Android App via Web Interface / REST API

Saved over \$300 per month for MacSMS compared to Twilio

MACSMS.ME

Created an innovative solution to provide real-time transit and weather information for City of Hamilton via SMS

Used by 1500+ users daily

🏢 CLEARCO

📁 SENIOR ENGINEERING MANAGER

Feb 2023 – Present 📅

- Spearheaded and managed two of the most impactful engineering teams at Clearco – Data Science & Capital (Revenue & Underwriting)
- Engineered the development and implementation of a sophisticated underwriting system, a cornerstone feature driving company profitability
- Responsible for 15+ third-party APIs across marketing, banking, and e-commerce platforms to enhance functionality, and streamline operations
- Aligned technical strategy and roadmaps with business objectives, ensuring optimal utilization of resources and delivery of key milestones
- Led software architecture and design initiatives, fostering scalable and maintainable systems that supported growth and innovation
- Played a pivotal role in driving revenue growth by strategically leveraging engineering solutions to address business challenges

📁 ENGINEERING MANAGER

Aug 2021 – Feb 2023 📅

- Led the development and execution of critical business features, ensuring timely, high-quality delivery in alignment with strategic objectives
- Mentored and guided individual team members to achieve significant career advancements, resulting in 3 promotions within 1-year timeframe
- Proactively identified and mitigated potential roadblocks, ensuring smooth project progression and maintaining a track record of on-time delivery
- Demonstrated exceptional leadership in driving cross-team cooperation, enabling seamless execution of complex projects and feature releases
- Spearheaded initiatives to optimize development processes, resulting in 300% improvement in efficiency and faster time-to-market for key features
- Recognized as a catalyst for innovation, consistently driving the implementation of forward-thinking solutions that significantly contributed to the company's growth and success

📁 STAFF SOFTWARE ENGINEER

Nov 2020 – Jul 2021 📅

- Led development of a mission-critical system as staff engineer, ensuring uninterrupted company operations during peak end-of-month sales
- Architected and delivered a robust system that successfully ensured uninterrupted operations, enhancing system reliability & customer satisfaction

🏢 IBM

📁 STAFF SOFTWARE ENGINEER

Jul 2020 – Nov 2020 📅

📁 SENIOR SOFTWARE ENGINEER

Oct 2018 – Jun 2019 📅

- Architected multiple cloud native applications from the ground up using a microservice architecture delivering over 99.99% uptime
- Optimized database, backend & UI performance to improve response time 5x
- Managed a multi-tenant Kubernetes cluster and shared services for logging, monitoring, automated SSL certificate renewal, self-healing tools, etc.

📁 SOFTWARE ENGINEER (OPEN-SOURCE)

Jun 2017 – Sep 2018 📅

- Engaged and collaborated with community users / maintainers by answering questions, reviewing code, writing documentation, blog posts, and tutorials
- Involved in all aspects of a rewrite and GA of LoopBack 4 – core, CLI, database connectors, OpenAPI integration, developer experience, etc.

📁 APPLICATION SOFTWARE ENGINEER

May 2014 – May 2017 📅

- Modernized legacy applications and built new cloud native software solutions across diverse domains, driving innovation and scalability