

**TARANVEER VIRK**  
**SENIOR ENGINEERING MANAGER**

✉ taranveer@virk.cc ☎ 289-937-2969 📄 virkt25

**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, Travis)  
Alerting // Monitoring

**RESTAURANTS**

**IL FORNELLO**  
📅 Mar 2022 - Present

Franchisee of a full-service Italian Restaurant. Drove growth and profitability through effective management of a dedicated team of managers

★ Deployed Toast as our POS in Feb 2023

**MARBLE SLAB CREAMERY**  
📅 Apr 2019 - Present

Franchisee. Operate a thriving business by overseeing a team to deliver exceptional guest experiences and profitability

**WORK EXPERIENCE**

**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 that solidified the company's profitability trajectory
- 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 – Jun 2021 📅

- Spearheaded the development of a mission-critical system as the lead staff engineer, safeguarding the company's infrastructure from potential disruptions during peak end-of-month sales periods
- Architected and delivered a robust system that successfully ensured uninterrupted operations, enhancing system reliability & customer satisfaction

**IBM**

**STAFF SOFTWARE ENGINEER** Jun 2020 – Nov 2020 📅

**SENIOR SOFTWARE ENGINEER** Oct 2018 – Jun 2020 📅

- 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)** Oct 2018 – Nov 2020 📅

- 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.