

Experience

Federato • Senior Software Engineer → Product Manager • San Francisco, California Mar 2023 - Present

- Promoted by the CEO to co-lead the Product Organization. Overseeing new feature development across the company, leading recruitment efforts, and focusing on scalability and externalization of existing product features
- Spearheaded an initiative to enable creation of ephemeral demo environments, allowing sales reps to spin up custom instances for prospects within 30 minutes. Increased prospect conversion rate by over 15%
- Launched a production ready instance for a large insurance client (50 users) in 8 weeks. Led a team of 7 engineers, built a climate-risk analysis platform, and orchestrated data integration pipelines (Kafka, Grafana, Python)

Susa Ventures • Venture Capital Fellow • San Francisco, California Sept 2021 - Feb 2022

- Sourced and evaluated early-stage startups as part of the Susa Team (investors in Robinhood, Flexport)
- Invested in cutting-edge DeepTech startups as an angel investor affiliated with the Susa Fellows Fund

Twitter • Software Engineer, Content Moderation • San Francisco, California Sept 2021 - June 2022

- Drove Twitter's mission of healthy conversation forward by engineering a content moderation system for abusive Tweets, resulting in more efficient removal of hate speech and misinformation (Scala, PostgreSQL, React)
- Built large-scale distributed systems in Scala to batch review reported media files (100 TB+ dataflow) on Twitter

SpaceX • Flight Software Engineer • Brownsville, Texas Jun 2021 - Aug 2021

- Worked on classified, mission critical systems for the Mars Program, and Dragon rocket-ships
- Coded and installed a network of weather station monitors to create a prediction system for optimal launch times (C++)
- Implemented a path planning system using Dijkstra's algorithm to enable autonomy of the Boston Dynamics Spot Robots

Tesla • Software Engineer Intern • Palo Alto, California Jan 2020 - Apr 2020

- Shortened load times by 20% for the Tesla Mobile App by building a clustered micro-service, resulting in customers being able to view their home energy consumption quickly (Scala, Kubernetes)
- Improved the reliability of a distributed energy asset network for the Tesla Virtual Power Plant, enabling Autobidder

The Next Iteration Podcast • Founder / Host • www.nextiterationpod.com Ongoing

- Podcast focused on self-improvement, technology, and business. Top 5% of podcasts globally, 10,000+ listeners
- Previous/Upcoming Guests: Jack Dorsey (CEO, Square), Jim O'Shaughnessy, Leo Polovets (Founding Engineer, LinkedIn)

Education

Columbia University • MBA • New York, New York Expected 2027

- Admitted to the selective Early Enrolment MBA Program, planning to matriculate in 2025 and graduate in 2027

McMaster University • B.Eng, Electrical & Biomedical Engineering • Hamilton, Canada Sept 2016 - April 2021

- Deans Honor List (2016-2018), Honors Entrance Scholarship

Skills

Languages: Python, Java, Ruby, Scala, SQL, C, C++, JavaScript, Swift, MATLAB, Assembly

Tools & Frameworks: GraphQL, React, MongoDB, GCP, Kubernetes, Pandas, TensorFlow, Node.JS, Git/Version Control

Design: Figma, Photoshop, Illustrator, InDesign, Lightroom, Notion