

# Gabriel Villenave

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*Mission-driven engineering leader with proven track record in leading cross-functional teams delivering complex products at scale.*

## Skills

Engineering Management

2 years

People Management

5 years

Technical Leadership

6 years

Software Engineering

12 years

Agile SDLC

10 years

C++ / C#

9 years

HTML / CSS / JavaScript /

TypeScript / Node.js

8 years

React / React Native

6 years

Azure

6 years

Android / iOS

3 years

AWS / GCP

3 years

Docker

3 years

Machine Learning

2 years

Python / Java

2 years

## Experience

### Crisis Text Line

Senior Engineering Manager

May 2023 – Present

- Managing a team of 4 engineers across levels from SWE2 to Staff, building applications for Clinical Staff on the CTL Crisis Care platform
- Working closely with Product, UX Design and Data to plan, execute and deliver business-critical projects supporting 1M+ people yearly
- Driving hiring of engineers for the team, from writing job descriptions to screening and interview loops
- Performance management, review cycles, calibration
- Tech stack: Go, TypeScript, React, AWS, Databricks, Sisense

### Microsoft

Principal Engineering Manager

Oct 2021 – May 2023

- Managed a team of 8 engineers across levels from SWE1 to Principal, building collaboration and enterprise security features for Office 365
- Worked closely with Product, CX, and Security & Compliance to prioritize business needs, define product roadmap, and manage cross-team dependencies across multiple departments and time zones
- Owned execution and delivery of features for \$5B enterprise contracts
- Managed hiring, review cycles and performance for the team members
- Maintained a close feedback loop between team members and leadership to continuously improve organizational and engineering processes
- Tech stack: C++, C#, .NET, React, Azure, Power BI

### Microsoft

Technical Lead / Senior Software Engineer

Mar 2018 – Oct 2021

- Led teams of 3-4 engineers for multiple large cross-company projects building real-time collaboration at scale in Microsoft Office applications, across consumer and enterprise markets
- Drove architecture, planning and delivery of the projects using experimentation, health data and customer feedback, now serving 10M+ daily sessions
- Managed project team members across performance cycles
- Tech stack: C++, C#, .NET, React, Azure, Power BI

## Trybeo

### Co-Founder & CTO

Feb 2017 – Mar 2018

- Co-founded the company, from developing the original idea to business plan and incorporation, investors relations and fundraising
- Designed and developed the end-to-end technical architecture for the product (infrastructure, backend, database, web client, and hybrid mobile clients using React Native)
- Took the product to market and reached over 10k users in under 6 months
- Tech stack: TypeScript, Node.js, React, React Native, Android, iOS, Firebase, Heroku, AWS, GCP

## Microsoft

### Software Engineer II

Oct 2013 – Feb 2017

- Contributed to the re-architecture of core components within the shared stack of Office applications (Word, Excel, PowerPoint) to improve performance and scalability of real-time collaboration by multiple users on Office documents across all platforms. Rolled out to production to reach 1M+ daily sessions.
- Improved reliability of the core I/O pipeline for cloud files in Office applications (opening/saving/syncing)
- Mentored interns and participated in the new hires onboarding process
- Tech stack: C++, C#, .NET, Azure, Power BI

## Amadeus

### Quality Assurance Engineer

Feb 2013 – Oct 2013

- QA team for the Amadeus Global Distribution System which handles 500M+ travel reservations yearly
- Design, implemented and maintained automated testing software to ensure IATA compliance of the system
- Built and maintained QA infrastructure for system migration
- Tech stack: C, C++, Python

## Education

### Master of Science – Engineering, Information Systems

EIGSI Ecole d'Ingénieurs – La Rochelle, France

2007 – 2012

### MBA – Industrial Management

Excelia Business School – La Rochelle, France

2012

### International Exchange – Computer Science & Entrepreneurship

Franklin W. Olin College of Engineering – Needham, MA

2010 – 2011