

# Pablo J. Mogollón Somavilla

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## SUMMARY

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Senior Technology Manager with 18+ years of experience in software development, digital product design, project management, and team leadership. Proven track record of building high-performing teams, improving system performance, and aligning technology strategies with business objectives across industries and countries. Expertise in cloud architecture, data analytics, blockchain, generative AI, and agile methodologies. Bilingual professional (Spanish, English) focused on fostering innovation and driving continuous improvement.

## PROFESSIONAL EXPERIENCE

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### **Chief Technical Officer (Fully remote)** | SmartVoting SpA | Braga, Portugal | March 2022 – Present

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Led technical strategy and execution for a SaaS startup specializing in e-voting services.

- Designed digital remote voting products for private and public voting processes.
- Designed and implemented cloud infrastructure using AWS, supporting 180,000+ voters with consistent uptime.
- Developed and executed a Product and Technology Roadmap (2022-2026), aligning tech initiatives with business goals.
- Implemented software development best practices, improving code quality and delivery speed through code reviews, CI/CD, and automated testing.
- Managed a distributed development team, promoting ongoing skill development and innovation.

**Technologies:** AWS, Linux, Python, Typescript, Node.js PHP/Symfony, Node.js, PostgreSQL, DynamoDB, Lambda

### **Engineering Team Lead (Fully remote)** | Vacasa SpA | Santiago, Chile | January 2021 - January 2022

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Led the engineering team for a SaaS provider in vacation rental management.

- Collaborate with product managers and Team Leads to design new vocational rental product functionality.
- Managed the transition from a monolithic architecture to a serverless microservices structure of critical functionality.
- Reduced same-day reservation errors from 18% to under 1%, increasing average monthly revenue by USD 15,000.
- Mentored a cross-functional team of 8 professionals, including software developers, QA specialists, and UI/UX designers.

**Technologies:** AWS, Linux, Node.js, Python, Typescript, PHP/Laravel, PostgreSQL, React, Fargate, Docker, Datadog.

### **Advanced Analytics Head (Hybrid remote)** | Option SpA | Santiago, Chile | August 2019 - January 2021

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Led advanced analytics and data engineering projects for a digital acceleration and staff augmentation services provider.

- Design of data-oriented and analytics-based digital products for diverse industries.
- Oversaw Machine Learning and Business Intelligence projects.
- Led a team of 37 professionals, including 32 Data Engineers and 5 Data Scientists.
- Developed and implemented talent acquisition and team development strategies.

**Technologies:** GCP, Azure, Python, DataFlow, Airflow, PowerBI, SuperQuery

### **Technology Leader** | TransUnion | Santiago, Chile and Bogotá, Colombia | May 2011 - December 2018

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Progressed through roles including Software Development Manager, Project Manager, and IT Manager.

- Led software development, data operation, and infrastructure teams comprising over 50 engineers and 4 team leads.
- Designed credit risk management products for financial institutions and retail companies in several countries.
- Maintained 99.995% monthly average system uptime across multiple countries.
- Improved Central American online credit report response times to less than 1 second
- Managed cross-border platform migration projects involving the USA, India, Chile, and Guatemala teams.
- Developed and implemented the Technological Evolution and Convergence Strategy Roadmap for Latin America.
- Promoted SCRUM, and SAFe methodologies to foster agile digital product development.

• **Technologies:** Informix, MS SQL Server, Oracle, .Net, Java, Tableau, Agile, SCRUM, JIRA, ITIL, PMI, PCI

## FORMAL EDUCATION

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- **B.S., Systems Engineering**, Universidad Fco de Paula Santander, Colombia. **GPA 4.1/5.0**
- **Master's in Systems Engineering**, Universidad de Los Andes, Colombia. **GPA 4.5/5.0**
- **Project Management Professional**, Project Management Institute. **Certificate 1936923 (Expired)**
- **SCRUM Foundation Professional Certificate**, CertiProf. **certificate FLCBPJCTDQ-SSRQFSGQ-WHKNTHDTFN**
- **Master's in Blockchain & Enterprise Applications**, Universitat Politècnica de Catalunya / Three Points. **GPA 9.1/10.0**

## THOUGHT LEADERSHIP

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- **Conference Talk - Blockchain Applications in Enterprise Environments** (Spanish), Videoconference for the Second Engineering International Congress, Universidad Libre - Seccional Cúcuta, November 2023, [link](#)
- **Publication - Classical Reads on Software Development Management** (English), February 2023, [link](#).
- **Publication: - Coronavirus, data & responsibility** (Spanish), March 2020, [link](#).
- **Blockchain: La paradoja de la seguridad** (Spanish), January 2025, [link](#)
- **Finanzas y Blockchain: Guía Simple de TradFi, CeFi y DeFi** (Spanish), January 2025, [link](#)
- **Blockchain: ¿Transparente o Anónima?** (Spanish), February 2025, [link](#)
- **Siguiendo la pista de Satoshi Nakamoto** (Spanish), February 2025, [link](#)
- **Conference Talk - Blockchain, what is it really?** (Spanish), Videoconference for Fundacion Cultural el cinco a las cinco, February 2025, [link](#)

## CONTINUOUS PROFESSIONAL DEVELOPMENT

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- **Software Development Leadership:**
  - Pair Programming with a Large Language Model (DeepLearning AI, 2023)
  - ChatGPT Prompt Engineering for Developers (Deep Learning AI, 2023)
  - Best Practices in Test Driven Development - NetG 16349 (NetG, 2022)
- **Product Design & Digital Marketing:**
  - Analytical Problem Solving and Design Thinking (FullbridgeX / edx, 2021)
  - Curso básico de Marketing Digital (IAB Spain / Google, 2020)
  - Getting started with Agile and Design Thinking (Future Learn, 2019)
- **Cloud Architecture and DevOps:**
  - AWS Certified Developer Associate DVA-C02 (Tutorials Dojo, 2023)
  - Leveraging Unstructured Data with Cloud Dataproc on Google Cloud Platform (Coursera, 2019)
  - Serverless Data Analysis with Google BigQuery and Cloud Dataflow (Coursera, 2019)
  - Serverless Machine Learning with TensorFlow on Google Cloud Platform (Coursera, 2019)
  - Introduction to Cloud Infrastructure Technologies (Linux Foundation, 2017)
- **Data Science and Analytics for Decision Making:**
  - Data Science and Big Data Analytics: Making Data-Driven Decisions (MIT xPro, 2020)
  - Google Cloud Platform Big Data and Machine Learning Fundamentals (Coursera, 2019)
  - MITx: 15.071x The Analytics Edge. Massachusetts Institute of Technology (edX - May 2015)
  - The Data Scientist's Toolbox. (Johns Hopkins University / Coursera - 2014)
- **Generative AI and Large Language Models**
  - LangChain for LLM Application Development (Deep Learning AI, 2023)
  - Serverless LLM Apps Amazon Bedrock (DeepLearning.ai / 2025)
  - Serverless Agentic Workflows with Amazon Bedrock (DeepLearning.ai / 2025)