Pranshu Nijhawan

Engineering Leader | SaaS Platform Architect

✉ mail@pranshunijhawan.dev

📱 +91-9999966272

</> https://pranshunijhawan.dev/

👤 https://www.linkedin.com/in/pranshunijhawan/

Summary

- **Strategic SaaS Leader**: **9+ years** driving successful delivery and scaling of cloud-native, data-driven SaaS platforms for retail, CPG, workplace, and HR domains.
- **Product & Project Expertise**: Architected and launched **15+ SaaS products/modules**, including McKinsey's **Promotion Advisor** and **Condeco Connect**, delivering measurable business impact through advanced analytics, ML, and IoT.
- **Technical Edge**: Deep experience leading and mentoring global engineering teams to build microservices, ETL platforms, real-time analytics, secure APIs, and large-scale IoT solutions using Azure, Python, Spark/Databricks, Docker/Kubernetes, and DevOps automation.
- **Business Outcomes**: Consistently delivered $2M+ annual savings, 70% deployment risk reduction, 25%+ efficiency gains, and multi-region product launches by integrating architecture vision with hands-on execution.

Experience

McKinsey & Company | March 2022 – Present

Principal Architect I

Previously: Senior Software Engineer II, Senior Software Engineer I

*"At McKinsey, I lead architectural vision for **Promotion Advisor**, a flagship **Periscope** product for **CPG** and **retail clients**. My role involves bridging deep technical expertise with strategic client engagement, advising senior product and consulting leaders, and driving solution design for high-stakes RFPs and enterprise implementations. I ensure our technical strategy delivers measurable client impact, while also leading a global team of 39 engineers in strategic technical delivery."*

- Directed a 39-person team on Promotion Advisor, automating 80% of manual tasks to optimize trade spend and maximize ROI, yielding $2M annual savings through targeted allocation across brands, channels, and geographies.
- Engineered machine learning models and Azure-based ETL pipelines to collect, clean, and validate promotion data, enabling scenario planning, impact forecasting, and workflow approvals for superior margin and sales outcomes.
- Developed a scalable ETL platform (**Databricks, Spark, Azure Data Factory, PostgreSQL)** with **Blue/Green slotting**. Processed **200M+ records across 100+ tables in <15 mins (zero downtime)**, providing retail clients with timely, accurate data for promotional analytics and strategic decision-making.
- Architected **Orchestron**, a high-performance Data Processing and Explosion platform (**.NET, Spark, Kubernetes)** with modular, rule-driven design. Utilized Generative AI Agents for intelligent orchestration, automating 80% of manual transformation tasks, enhancing client operational efficiency and insights.
- Consulted Fortune 500 consumer-goods clients in North America and Europe, delivering transformations with competitive intelligence and consumer insights for full-lifecycle pricing adjustments.

Tech Stack Used: TypeScript, Node.JS, React, .NET, Spark, Azure, Databricks

Eptura (formerly Condeco) | April 2021 – March 2022
Principal Engineer

"At Eptura, I transformed Condeco Connect (meeting room booking software), re-architecting legacy SaaS into cloud-native systems and designing distributed platforms. This directly enhanced product reliability and scalability for global clients, while I also led engineering squads, driving technical excellence and team growth."

- **Cloud-Native Transformation for Enhanced Client Uptime**: Led re-architecture of legacy SaaS to a cloud-native microservices solution on **Azure Kubernetes Service (AKS)**. Achieved **60% faster recovery** and significantly enhanced system uptime, critical for client operations.
- **Global Distributed Release Management System**: Engineered and deployed a system (**Azure IoT Hub, Serverless Functions, Azure CosmosDB**) orchestrating synchronized updates across **300M+ IoT devices globally**. Ensured seamless and reliable software delivery to a vast client network.
- **Led & Mentored Engineering Squads**: Directed a team of **20 engineers (4 tech leads)** across four product squads. Implemented mentorship, improving team retention by **20%** and fostering engineering growth, impacting product quality for clients.

Tech Stack Used: C#, .NET, Kubernetes, Azure IoT, Azure CosmosDB

Nagarro | December 2019 – April 2021
Senior Engineer

"At Nagarro, I delivered full-stack applications for diverse clients, enhancing user experience and streamlining development. My role involved hands-on development and implementing modern software engineering practices to improve efficiency and reliability of client solutions."

- **High-Performance Full-Stack Applications**: Developed full-stack web applications (**Angular, .NET Core**, **PostgreSQL**, **Ionic Framework**) for e-commerce and HR clients.
- **CI/CD & IaC for Reliable Client Deployments**: Established **CI/CD pipelines** and **Infrastructure as Code (IaC)** practices. Reduced deployment failures by 70%, ensuring stable and predictable software releases for client projects.

Tech Stack Used: C#, .NET, Angular, Ionic Framework, AWS

Eptura (formerly Condeco) | September 2018 – December 2019
Software Engineer

"During this tenure at Condeco, I focused on core development and optimization of the Condeco Connect (meeting room booking software), contributing to its scalability and reliability for a rapidly growing customer base."

- **Scalable Microservices for 3x Customer Growth**: Designed and developed microservices (**C#, .NET, React, SQL Server**) for the workspace SaaS platform. Supported 3x customer scale-up, handling increased user demand.
- **Optimized CI/CD & Data Models**: Maintained CI/CD pipelines and implemented data model optimizations. Resulted in faster, more reliable software releases and improved system performance for client-facing features.

Tech Stack Used: C#, .NET, Kubernetes, Azure IoT, Azure CosmosDB

Gartner | February 2016 – August 2018
Associate Software Engineer
Previously: Intern

*"At Gartner, I contributed to the development of the **ClearForce platform** (proprietary survey and analytics tool for HR consulting), focusing on improving data accuracy and automating workflows for clients."*

- **Core SaaS Analytics Tool Development**: Contributed backend development for **ClearForce** (**C#, .NET Core, React**), **improving employee survey data accuracy by 60%**. Critical for providing data-driven insights to HR clients.
- **Automated SQL Workflows**: Developed and automated SQL workflows (**SPs, SQL agent jobs**). Saved over 240 engineering hours annually in manual data processing, improving data delivery efficiency for clients.

> Tech Stack Used: C#, .NET, Angular, AWS

Core Competencies

- **Strategic & Integrative Consulting**: Client engagement, stakeholder management, solution architecture advisory, value proposition, RFP leadership, client outcome delivery.
- **Engineering Leadership**: Team scaling, agile coaching, performance management, cross-functional collaboration, architectural governance.
- **SaaS & Architecture**: Multi-Tenant Design, Microservices, Data Lakehouse, Event-Driven Systems, Serverless, DDD, HTAP.
- **Cloud & Infrastructure**: Azure, AWS, Kubernetes, DevOps, CI/CD, IaC, Observability, Cost Optimization.
- **Data Engineering & Intelligence**: Spark, Databricks, ELT/ETL, PostgreSQL, Real-time Analytics, Vectorization, RAG.
- **Tech Stack**: C#, Python, TypeScript, JavaScript, Node.js, .NET Core, React, Angular, SQL.
- **Compliance & Security**: SOC2, InfoSec, Secure SDLC, Audit Automation.

Certifications

- **Microsoft Certified: Azure Data Engineer Associate**
- **Microsoft Certified: Azure Developer Associate**

Educational Qualifications

Bachelor of Technology (B. Tech), Computer Science & Engineering
Gurgaon Institute of Technology & Management | 2012 – 2016