

# Manish Kumar

Lead-I @ S&P Global

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## Professional Summary

Seasoned Software Engineer with a decade of experience building scalable, cloud-native solutions using Azure, .NET Core, and Microservices. Expert in distributed systems, performance tuning, and DevOps. Proven track record of leading cross-functional teams and delivering impactful products in FinTech and Cloud domains. Known for driving innovation, optimizing workflows, and aligning engineering with business strategy to accelerate growth and customer engagement.

## Core Strengths

- Cloud Architecture & DevOps (Azure, Kubernetes, CI/CD)
- Scalable Microservices & Event-Driven Systems
- API Design, Domain-Driven Design (DDD), and Clean Architecture
- Agile Leadership & Stakeholder Communication

## Work Experience – 13.9 years

Lead S&P Global Dec 2024 – Present

- Developed integration APIs to improve product usability by 2X.
- Increased monitoring and control mechanisms for seamless request handling.

AVP, Lead Engineer NatWest Group Feb 2022 – Dec 2024

- Enhanced business connectivity by 80% using Symphony Bots, SAML, and encryption strategies.
- Boosted Agile Markets client engagement by 5000+ users and optimized UX by 35%.
- Reduced business risk by 10% with MVP Bot Alert workflows.

Technical Lead Concentrix (PK Global) Sep 2016 – Feb 2022

- Led Azure Logic App implementation, improving PO approval processes by 70%.
- Modernized legacy applications with Azure Cloud solutions, achieving 100% client confidence.
- Managed geo-distributed teams for Agile delivery across cross-functional teams.

Software Engineer Micromax June 2015 – Aug 2016

- Designed an online bidding platform, increasing sales by 20%.
- Improved data accuracy, reducing fraudulent claims by 15%.

Software Engineer Vinculum Sep 2014 – May 2015

- Created UI tools with JavaScript, enhancing user experience by 90%.
- Delivered low-defect applications with 100% unit test coverage.

Sr. Software Developer Rave Infosys Oct 2013 – Aug 2014

- Developed a fundraising app that integrated social accounts for streamlined event invites.
- Built robust web applications for collaborative event creation.

Software Engineer Dialnet Communications Apr 2011 – Sep 2013

- Designed APIs for mobile apps like What an Over and Assembly Election Result, improving system efficiency.
- Developed tools that boosted team productivity and saved time.

## Key Skills

### Technical Expertise:

- Backend:** C#, .NET Core, MVC, Web API, WCF, NUnit, Symphony Bot, Moq
- Frontend:** ReactJS, TypeScript, JavaScript
- AI & Automation:** Copilot, Symphony Bot, Microsoft Bot, Cursor AI, Semantic Kernel, Claude 3.7, Ollama, Llama 3.2
- Cloud:** Microsoft Azure (App Services, Service Bus, Logic Apps, Functions, Pipelines)
- Databases:** SQL Server, MongoDB
- Containerization:** Docker, Docker Hub, AKS, Azure Containers
- Architecture:** Microservices, REST, Distributed Systems, Monolith, Web-Q-Worker
- OOPS, SOLID, DRY, Design Pattern, DDD,

### Tools & Platforms:

- Visual Studio, Azure DevOps, Azure Portal
- JIRA, Confluence, Power BI
- TeamCity, Octopus Deploy
- Visio, Draw.io
- Git, GitHub Desktop

## Education

- Master of Computer Applications (MCA), Sikkim Manipal University – Grade: 60%
- Software Engineering (GNIIT), NIIT – Grade: 90%

## Personal Details

- Born to Fly: 13 Aug
- Gender: Male
- Father's Name: Komal Singh
- Nationality: INDIAN
- Passport: Yes
- Interest: Guitar, Spiritual Book

## Recognition & Leadership

- Managed **client relations** and led **engineering teams** for high-impact projects.
- Competed in **NatWest Hackathon** among **168 teams**, demonstrating problem-solving ability.
- "Code on Stage" at **Symphony Innovate 2023 London**.
- Improved **Symphony and Agile Markets products**, suggesting new features

### (S&P Global)

**FDL Manual Linking** - Role: Lead | Domain: Foundational Data

- Build the crucial Microservice API to bridge two systems.
- Improved UX made system more adaptable and useful.

### NatWest Group

**Agile Markets Connect** - Role: Lead Engineer | Domain: Financial Trading

- Developed real-time symphony chat integration, enhancing trader-sales interaction efficiency by 3X.
- Designed high-performance APIs to optimize client engagement, reducing transaction latency.

**Digital X – Fixed Income Trading Platform** - Role: Architect & Lead | Domain: Financial Markets

- Built Symphony Bots for automated risk management and streamlined market operations.
- Integrated data analytics for improved trade decision-making.

**Risk Alert Workflow Automation** - Role: Lead Engineer | Domain: Risk Management

- Designed MVP Bot Alert Escalation Workflow, reducing business risk by 10%.
- Automated critical risk alerts, ensuring timely action and compliance.

### Concentrix

**Rate Authority – Transport System** - Role: Architect & Team Lead | Domain: Logistics & Transportation

- Led Azure Cloud migration, modernizing legacy systems for real-time operational tracking.
- Improved data connectivity to external systems, increasing reliability of transport approvals.

**Claims Processing & Data Migration** - Role: Architect & Team Lead | Domain: Insurance Claims

- Migrated legacy Oracle systems to Azure SQL MI, ensuring seamless data retention.
- Enhanced inter-system communication for faster claims validation and settlements.

**Contract & Inspection Portal** - Role: Tech Lead | Domain: Construction & Compliance

- Developed end-to-end project management system, optimizing workflow for inspections & approvals.
- Integrated resource tracking & compliance measures, ensuring regulatory standards are met.

### Micromax

**Online Bidding Platform** - Role: Software Engineer | Domain: Sales Optimization

- Designed a digital bidding system, increasing sales efficiency by 20%.
- Implemented real-time validation for user inputs, reducing errors in bid placements.

### Vinculum

**POS Lounge System** - Role: Developer | Domain: Retail & Travel

- Built airport terminal Point-of-Sale application, optimizing lounge & salon booking services.
- Implemented real-time receipt generation & data synchronization across locations.