

Manish Kumar

Lead-I @ S&P Global

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Professional Summary

Accomplished **Software Engineer** with **13.6 years of experience** in designing and implementing **cloud-based, scalable solutions** using Microsoft technologies. Proven expertise in **Azure, .NET Core, Microservices Architecture, and Distributed Systems**. Strong leadership background with a history of **optimizing business workflows, boosting client engagement, and driving technical innovation**. Adept at leading cross-functional teams and delivering high-impact solutions in **FinTech, Trading, AI, and Cloud domains**.

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.

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
- **Principles:** OOPS, SOLID, DRY, Design Pattern,DDD,

Tools & Platforms:

- **Development & Cloud:** Visual Studio, Azure DevOps, Azure Portal
- **Collaboration & Monitoring:** JIRA, Confluence, Power BI
- **CI/CD & Automation:** TeamCity, Octopus Deploy
- **Design & Documentation:** Visio, Draw.io
- **Version Control:** Git, GitHub Desktop

Work Experience

Lead I | 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 Bank (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.

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

Key Projects

Agile Markets Connect – (NatWest)

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 (NatWest)

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 (NatWest)

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.

Rate Authority – Transport System (Concentrix)

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 (Concentrix)

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 (Concentrix)

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.

Online Bidding Platform (Micromax)

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.

POS Lounge System (Vinculum)

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.