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

Education

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

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.

Personal Details

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

Key Projects

Linking (S&P Global) | <u>Role</u>: Lead | <u>Domain</u>: Foundational Data

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

Agile Markets Connect – (NatWest) <u>Role</u>: Lead Engineer | <u>Domain</u>: 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) <u>Role</u>: Architect & Lead | <u>Domain</u>: 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) <u>Role</u>: Lead Engineer | <u>Domain</u>: 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) <u>Role</u>: Architect & Team Lead | <u>Domain</u>: 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) <u>Role</u>: Architect & Team Lead | <u>Domain</u>: 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) <u>Role</u>: Tech Lead | <u>Domain</u>: 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) <u>Role</u>: Software Engineer | <u>Domain</u>: 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) <u>Role</u>: Developer | <u>Domain</u>: Retail & Travel

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