

# MANSI KHANNA

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## SUMMARY:

Results-driven Product Manager with 5+ years of experience in Fintech and Insurance, delivering impactful web and mobile products. Skilled in translating complex needs into high-performance solutions, collaborating cross-functionally, and leveraging technical expertise (Java, Angular, C#) to drive user-centric innovation and business value.

## TECHNICAL SKILLS:

- **Languages/Libraries:** C#, Java, Python, R, JavaScript, Typescript, MEAN/MERN, React, HTML, CSS, SCSS, .NET, .NET Core, Flutter.
- **Frameworks:** Angular, Spring, Springboot, WPF .net
- **Architectures:** Microservices, monorepo
- **Databases:** MySQL, Microsoft SQL, MongoDB, Oracle
- **Tools:** Git, Jenkins, Spring MVC, Jira, Azure, AWS, REST APIs, Postman, Insomnia, Visual Studio, VSC, Android Studio, IntelliJ, Swagger

## PROFESSIONAL EXPERIENCE:

### FlexTrade Systems

Milwaukee, WI

#### Software Engineer

Sep 2024 to Current

- Led performance enhancements of gRPC APIs, **achieving a 15% improvement** by aligning technical execution (Python, C#, Golang) with client needs for high-latency trade data and reporting.
- Collaborated with engineering teams to design and enhance features for a **high-volume (1000s of trades every hour) Order Management System (OMS)** supporting thousands of trades per hour, contributing to successful client implementations by overseeing server configurations (Linux), database interactions (MySQL), and CI/CD workflows (Jenkins).
- Drove the development of **End-of-Day trade and Security Master reports using Scala and XML**, supporting hedge fund reporting to Prime Brokers and Fund Administrators across asset classes including Equities, FX, and Interest Rate Swaps.

### Fidelity Investments INC.

Boston, MA

#### Software Engineer

Dec 2022 to Mar 2024

- Spearheaded the development of a **high-volume trade support application**, automating portfolio workflows to scale operations across thousands of daily trades.
- Led the design and rollout of intelligent error-reduction logic using the Spring framework, **driving 99% efficiency** and significantly minimizing trade processing errors.
- Introduced a **Microsoft Teams-integrated chatbot leveraging chatGPT** to streamline user support and feedback collection, enhancing user engagement and operational responsiveness.
- Oversaw **biweekly** production deployments, managing cloud infrastructure migrations from **EC2 to EKS on AWS** to ensure scalability and system resilience.
- Directed the consolidation of **3+ Angular SPAs** into a centralized Monorepo, modernizing the **front-end architecture (Angular 8 → 15)** and enabling component reuse and faster delivery.
- Championed **Test Driven Development (TDD)** across Java and Angular stacks using tools like Karate, Cucumber, JUnit, Jest, and Cypress to boost code quality and test coverage.
- Enabled data-driven decisions by integrating **Snowflake metrics into Power BI dashboards**, accelerating business insights by over **25%**.

### Rutgers, The State University of New Jersey.

New Brunswick, NJ

#### Research Assistant

Oct 2021 to Oct 2022

- Designed and launched a cross-platform application to track and analyze nationwide COVID-19 trends using [NSF](#) and [NIH](#) datasets, allowing anonymous user symptom submissions to inform real-time insights.
- **Integrated Google Maps APIs** to visualize high-risk zones based on case density, delivering a dynamic user experience across web (**Angular**) and mobile (**Android Studio**) platforms to support public health awareness.

### LTI – L&T Infotech (Truist/BBnT)

Pune, India

#### Sr. Software Engineer.

July 2017 to Aug 2021

- Led the development of multiple single-page applications (**Angular, WPF**) to streamline quoting, agency management, and insurance claims processing, enhancing user efficiency and reducing manual workload.
- Managed a cross-functional team of **7 offshore developers**, driving successful on-time project delivery within agile sprints through clear communication and sprint planning.
- Architected a **microservices-based** solution for concurrent insurance claim processing, achieving a **35% reduction** in system latency and improving user experience.
- Defined and delivered **RESTful APIs** for insurance vendor data handling and secure mail transaction authorization using **.NET Onion architecture**, ensuring **scalable** and secure backend communication.
- Oversaw digital product enhancements for the MyTravelers platform, modularizing payment workflows and implementing Selenium-based UI test automation to support robust claim management and processing.

EDUCATION:

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**RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY**

*Master’s in information technology and Analytics*

Newark & New Brunswick

*Dec 2022*

**Mumbai University**

*Bachelor of Engineering in Electronics Engineering*

Mumbai, India

*May 2017*