

# MANSI KHANNA

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## SUMMARY:

Forward-thinking **Full Stack Developer** with **5+** years of experience in Fintech and Insurance sectors. Proficient in **Java, Angular, C#, and .NET**, with a proven track record of delivering high-performance web applications. Dedicated to continuous learning and adept at implementing innovative solutions to complex problems.

## PROFESSIONAL EXPERIENCE:

### Fidelity Investments INC.

Boston, MA

*Software Engineer*

Dec 2022 to Current

- Developed an application for trade support to automate **high-volume portfolio actions** to handle thousands of trades per day.
- Architected and drove the error reduction rules feature which helped us achieve **99% efficiency**, resulting in a significant decrease in trade notifications.
- Designed and implemented a system for early detection of potential trade errors before they make it to the trading desk.
- Integrated a **beta chatbot** using **Microsoft Teams** for logging user feedback and adaptive cards for higher performance improvement.
- Responsible for orchestrating **biweekly** production releases deployed into **AWS platform** including EC2 to EKS migration.
- Revamped UIs to allow the portfolio services team to rebalance portfolios and 'equitize' cash and **migrated 3-4** Single Page Applications (SPAs) into larger **Monorepo** (Micro UIs) and responsible for upgrading a large front-end application from **Angular 8 to 15**.
- Practiced **Test Driven Development (TDD)** in both **Java and Angular** using **Karate, Cucumber, Junit, jest, and cypress** using optimized coding practices for better code coverage and delivery.
- Gathered usage statistics from Snowflake into Power BI reports across the application for various clicks which helped the business side improve decision-making time by over 25%.

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

New Brunswick, NJ

*Research Assistant.* [GitHub Repo](#)

Oct 2021 to Oct 2022

- Built a useful application that analyzes the COVID cases around the country taking data provided by the **NSF and NIH** featuring anonymous users to input their symptoms.
- Enhanced the attention areas with a wide spread of COVID-19 with real-time numbers being displayed on maps based on the **density** of the cases using **Angular for web and Android studio for mobile**.

### LTI – L&T Infotech (Truist/BBnT)

Pune, India

*Sr. Software Engineer.*

May 2019 to Aug 2021

- Build multiple single-page web applications to handle quotes, agencies, and document insurance claims.
- Spearheaded a **team of 7** offshore members to meet client requirements, resulting in timely delivery of projects during agile cycles.
- Devised concurrent user insurance claim using microservice architecture to improve **performance by 35%**.
- Enhanced semantic logging to capture the information about service calls to provide data sets to the Azure portal and plan future business strategies.
- Active member of weekly sync-ups between clients, business analysts, architects, developers, and quality assurance team members to discuss and resolve any defects in the design.
- Developed **REST APIs** to process the information of insurance vendors along with authorization of mail transactions between vendors and respective customers using **.net onion domain-based architecture**.

### LTI – L&T Infotech (Travelers)

Pune, India

*Software Engineer.*

July 2017 to April 2019

- Administered the digital portfolio for MyTravelers, to create a claim handling platform to manage claims raised by users in the claim portal while modularizing the payment method and generating testing scripts to be processed by the selenium user interface.

## EDUCATION:

### RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

Newark & New Brunswick

*Master's in information technology and Analytics*

Dec 2022

### Mumbai University

Mumbai, India

*Bachelor of Engineering in Electronics Engineering*

May 2017

## TECHNICAL SKILLS:

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