

## MANSI KHANNA

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### SUMMARY:

Forward-thinking **Full Stack Developer** with **5+** years of experience in the 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.

### TECHNICAL SKILLS:

- **Languages/Libraries:** C#, Java, Python, R, JavaScript, Typescript, MEAN/MERN, React, HTML, CSS, SCSS, .NET, .NET Core, C#, Tailwind CSS.
- **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:

#### Fidelity Investments INC.

Boston, MA

*Software Engineer*

Dec 2022 to Mar 2024

- Developed a **high-volume trade support** application, automating portfolio actions to handle thousands of trades daily.
- Led the architecture and implementation of error reduction rules using the **Spring framework**, achieving **99% efficiency** and significantly reducing trade.
- Designed and implemented a system for early detection of potential trade errors.
- Integrated a **chatbot** with **Microsoft Teams** to assist users with day-to-day activities and log feedback.
- 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.
- Liable for migrating **3+ Single Page Applications (SPAs)** and a large front-end application from **Angular 8 to 15** into a centralized Monorepo for shared UIs.
- 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 application usage statistics from **Snowflake** into **Power BI** reports, improving business decision-making time by over **25%**.

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

New Brunswick, NJ

*Research Assistant*

Oct 2021 to Oct 2022

- Developed an application to analyze the COVID-19 cases around the country using data from the **NSF** and **NIH**, featuring anonymous users symptom input.
- Enhanced the attention areas using Google Maps APIs that have a wide spread of COVID-19 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 using Angular & WPF 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 **reduced latency 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 Insurance)

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