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#, mobile and WPF** 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, 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

* 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.

**Fidelity Investments INC.** Boston, MA

*Software Engineer* Dec 2022 to Mar 2024

* 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**](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2027789&HistoricalAwards=false) **and** [**NIH**](https://projectreporter.nih.gov/project_info_description.cfm?aid=9851602&icde=49839448&ddparam=&ddvalue=&ddsub=&cr=2&csb=default&cs=ASC&pball=)**, 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 an**d Android studio** for mobile.

**LTI – L&T Infotech (Truist/BBnT)** Pune, India

*Sr. Software Engineer.* July 2017 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**.
* 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*