

# Mukul Tarania

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## Profile Summary

M.Tech in Computer Science with **3+ years of experience in full-stack development**. Proficient in frameworks like Spring Boot, React Js, Next Js, REST APIs, Redux, Tailwind CSS, and CI/CD tools like Jenkins. Demonstrated expertise in database migration, code optimization, Java 17 upgrades, and unit testing using Jest/Babel. Adept at resolving critical production issues, improving system performance, and contributing to scalable solutions. Known for strong communication, effective collaboration, and sharp analytical thinking. Recognized as a **Xcelerate Warrior at TCS (2022)**, qualified for **Uber Hack Tag (2021)**, and cleared **GATE (2020)**.

## Work Experience

### Accenture

Jan 2024 – Present

#### Full Stack Software Engineer

- Developed MVR (Motor Vehicle Report) endorsement feature enabling license-based user data retrieval and real-time insurance premium computation, reducing manual processing time by 40%.
- Implemented functionality for state-specific policy endorsements, allowing users to dynamically select and apply localized coverages during policy creation.
- Performed root cause analysis and resolution for 20+ critical production defects, contributing to a 30% decrease in post-deployment issues.
- Designed and implemented a CI/CD pipeline using Jenkins, reducing build and deployment time by 60%, and improving release frequency to weekly cycles.

### Tata Consultancy Services

Oct 2021 – Dec 2023

#### Full Stack Software Engineer

- Worked in the redesign and integration of the Rating Analysis (RA) module with the US Regulatory Tab, significantly optimizing the end-to-end regulatory approval workflow.
- Implemented advanced logging and exception handling, increasing system observability and reducing debugging time by 25%.
- Orchestrated Oracle ExaCC database migration, ensuring 100% service continuity.
- Enhancing application performance and ensuring future compatibility by migrating the workflow component to Java 11
- Implemented JMeter and Sealight for automated API testing.

### FICCI

May 2020 – Oct 2020

#### Software Developer Intern (Remote)

- Developed Job-Fair portal for Gautam Buddha University using WordPress and REST APIs.
- Integrated real-time data feeds and enhanced UI/UX for student-recruiter flow.
- Conducted requirement analysis and delivered within timeframe.

## Projects

- **FIT AI** – AI-driven fitness assistant web app created using Open AI API to generate workout plans and diet plans (Nextjs). **FIT AI**
- **Refokus Website** – A pixel-perfect clone of Refokus website, implemented smooth animations and transitions, responsive design with modern UI/UX, advanced React patterns and hooks deployed on Vercel. **Refokus**
- **Vaccine Slots Tracker** – Android app using Cowin API to track vaccine availability for COVID.
- **Visit my portfolio for more projects.** **Portfolio**

## Technical Skills

**Languages:** Java, C++, PHP, Python, JavaScript, TypeScript  
**Frameworks:** Spring Boot, React Js, Next Js, Express Js  
**Tools:** Git, Jenkins, Docker, Jira, Splunk, Datadog, OpenShift  
**Databases:** MySQL, SQL, SQLite

## Education

**Gautam Buddha University, Noida**  
**Kendriya Vidyalaya, Ghaziabad**

B.Tech. + M.Tech. in Computer Science, 2016 – 2021  
High School (2012 – 2013) and Senior Secondary (CBSE) (2014 – 2015)