# ATUL THAKRE

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## Education

**RTMNU**                                                                                                     **Nagpur, India**
*Bachelor of Engineering — CGPA: 6.84/10*                                                        *20– 2023*

## Experience

**Bootcoding PVT LTD**                                                              **Feb 2024 – Present**
*Java Backend Developer*                                                                      *Nagpur, India*

- Crafted Java based Web Scrapper Utility for AceInt, yielding higher scrapping and improved questions data set.
- Implemented **Scalable** Design Factory Pattern To Ensure Compatibility Across **10+** Websites.
- Developed APIs, and backend services on Question Bank Project which has interview question of **20+** companies, achieving a **100%** replication of their hiring test.
- Implemented authentication & authorization by building security filter chain, Resulting in a drop in unauthorized access attempts.
- Tested end-to-end application 50+ functionality using Selenium and JUnit.

## Tech Stack

**Programming Languages:** C, Core Java, JDBC, JSP, Servlet, SQL
**Frameworks and Libraries:** Spring Boot, Postgres SQL, RESTful API, Java Servlets, Hibernate.
**Developer Tools:** IntelliJ IDEA, Git, GitHub, Postman, Swagger, Maven
**Databases:** PostgreSQL, MySQL
**Frontend Technologies:** HTML, CSS, JavaScript
**Testing:** Manual Testing, Automation Testing, Selenium WebDriver
**Computer Science Fundamentals:** Operating Systems, Computer Networking, Object-Oriented Program ming (OOPs)

## Projects

**AceInt AI-Based Project (Live Project) hireskilldev.com**

- Conducted manual and automated testing for the AceInt AI-based platform, covering: Dashboard, Mock Interviews, Mock AI Interviews, Mock Tests, and Company-Specific Modules.
- Used **Apache JMeter** to conduct performance testing, simulating 60,000 requests in 30 seconds.
- Technologies used: Java, Selenium WebDriver, Manual Testing

**Mock Drive Rating System**

- Developed a comprehensive system to manage mock interview ratings, reviews, and performance tracking.
- Implemented a **5-star rating** system with real-time feedback aggregation and **detailed analytics**.
- Designed RESTful APIs enabling **user authentication**, **mock drive management**, and **review processing**.
- Built a PostgreSQL-backed database schema optimizing **data retrieval** and **performance metrics**.

**CSV Data Upload into Database**

- Developed a Spring Boot REST API to efficiently upload and process CSV files. The system ensures data integrity by implementing validation checks and duplicate detection before persisting records in the database. It is designed to handle large datasets with optimized performance.
- Technologies: Java, Spring Boot, PostgreSQL, OpenCSV

**Leave Application Management System**

- Designed and implemented a web-based leave management system for college faculty. The platform streamlines leave application, tracking, and approval processes, reducing manual paperwork and processing time. It ensures efficient leave record management and enhances accessibility for staff and administrators.
- Technologies: Java, HTML, CSS, MySQL

## Achievements

- Solved **50+** coding questions on LeetCode, demonstrating a strong understanding of DSA.
- Provided 3+ Months training to interns.