





TUSHAR RATHI

 [linkedin.com/in/tushar-rathi-](https://www.linkedin.com/in/tushar-rathi-)

 tusharrathi2021@outlook.com

 [iamtusharrathi](https://iamtusharrathi.github.io)

 +91-8638580244

EXPERIENCE

Associate Software Engineer at ORACLE

August 2024 - Present

Oracle

Bengaluru, Karnataka

- Designed and implemented an automated reconciliation workflow using **Oracle Integration Cloud** to fetch file counts from SFTP-based remote server folders via SQL, reducing manual Excel-based billing tasks by over **50%**.
- Optimized Oracle Integration Cloud (OIC) workflows: Parameterized hard-coded values in **132** integrations with lookup variables enhancing maintainability and scalability.
- Developed FastAPIs in Python to extract text and speech data from various formats and generate tokens in JSON format, later consumed in business document generation.

Software Intern at INTEL

January 2024 – June 2024

Intel Corporation

Bengaluru, Karnataka

- Optimized & improved the control workflow in **SSIS Automation packages** by refactoring and migrating data flow logic into C# code, resulting in removal of **45** stored procedures and table types, and a **20%** reduction in database space while maintaining or improving runtime, thereby **optimizing database assets**.
- Worked on RSA Archer, implementing solutions such as SOX compliance, datafeeds, and Controls & Assessments. Handled **50+** incidents monthly, resolving all **100%** technical issues within SLA, ensuring seamless GRC operations.
- Created an Intel-branded email template using React components, improving email consistency across **300+** recipients. Integrated the template with SSIS jobs to enable seamless email automation.

PROJECTS

RowdyAI | Javascript, ReactJS, NodeJS, Express, MongoDB, ImageKit, Gemini

Github 

- Built a context-aware chatbot with a unique rowdy, sarcastic tone using Google Gemini 2.0 Flash API; supports both text and image-based interactions. Secured authentication system using JSON Web Tokens (JWT), HttpOnly cookies, and Bcrypt for password encryption.
- Developed REST APIs (Node.js/Express) and integrated MongoDB for chat history, session persistence, and user management.

Job Listings | Java, Spring Boot, ReactJS, PostgreSQL, Spring Data JPA

Github 

- Implemented a job portal web app with React (frontend) and Spring Boot (backend), featuring separate interfaces for admins (manage job postings) and public users (view jobs). Secured the application using Spring Security.
- Applied key Spring Boot concepts like Spring Data JPA, Spring AOP, and Spring MVC, enabling efficient data handling and modular backend development. Data processed between the front- and back-end using RESTful APIs.

Detection of Osteoporosis in Knee Joint Using X-Ray Scans | Python, ResNET-50, VGG-19

- Prepared a Deep Learning model to discern between normal and osteoporotic knee joint X-rays, incorporating feature selection parameters such as age and gender
- Achieved a validation accuracy score of **95.2%** on the VGG-19 model. Also used logistic regression to form a Risk Factor Prediction model which achieved a highest prediction accuracy of **76.56%**.

TECHNICAL SKILLS

Languages: C++ , Java, Python, JavaScript, Typescript, HTML/CSS, SQL

Libraries/Tools : ReactJS, ExpressJS, FlutterSDK, MaterialUI, TailwindCSS, GIT/Github, Postman

Backend/Databases : Spring Boot, Node/Express, FastAPI, PostgreSQL, MongoDB, Firebase

Relevant Coursework: Computer Networks, Operating Systems, Data Structures & Algorithms, DBMS

CODING PROFILES

- LeetCode
- Codeforces
- GeeksForGeeks
- Github

EDUCATION

National Institute of Technology, Silchar

CGPA : 8.78

November 2020 – June 2024

Bachelor of Technology - Computer Science & Engineering

Silchar, Assam

ACHIEVEMENTS

- **CERTIFICATIONS: Oracle Certified Professional (x2):** Integration Cloud Professional & Visual Builder Associate.
- **RECOGNITIONS: 2x** recognized at **Intel** for successfully driving system optimization and end-to-end automation.
- **CODEFORCES: EXPERT** on Codeforces — **1600+** rating — **900+** problems.
- **LEETCODE: 1500+** rating — **800+** problems solved.
- **GEEKSFORGEEKS: 2000+** coding score — **600+** problems.
- **STUDY IN INDIA SCHOLARSHIP - Earned 100% scholarship** for Bachelor's Degree from Gov. of India at NIT Silchar.