

RISHI AGRAWAL

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EDUCATION

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

Bachelor of Technology
in Computer Science and Engineering
Cumulative CGPA: 7.76

Nagpur, Maharashtra
June 2025

Excelled Coursework: C++, DSA, DBMS, OOPS, Deep learning, AI, ML, Computer networks

ST. PAUL HIGH SCHOOL AND JUNIOR COLLEGE

HSC Board -94.17%

Nagpur, Maharashtra
2021

CENTRAL INDIA PUBLIC SCHOOL

SSC Board -94.6%

Nagpur, Maharashtra
2019

EXPERIENCE

ACE TECH VENTURES Pvt Ltd.

Front-End Engineer intern

Nagpur, Maharashtra
May 2024-July 2024

- **Developed** and integrated 10+ responsive and reusable React components, enhancing website performance by **15%** and ensuring **99% cross-browser compatibility**.
- **Collaborated** with cross-functional teams to develop user-facing systems, ensuring seamless data presentation for business insights.
- **Optimized** existing front-end codebase by implementing ES6+ features and modular design patterns, reducing code redundancy by **30%**.
- **Conducted** thorough testing and debugging to ensure bug-free deployment, decreasing production defects by **15%**.
- **Leveraged** Git for version control and streamlined workflows using collaborative development tools like GitHub.

PROJECTS

KNOWLEDGE GRAPH RETRIEVAL AUGMENTED GENERATION BASED QnA MODEL

April 2024

- **Developed** a QnA system leveraging Neo4j to construct knowledge graphs tailored for financial documents, enabling precise, context-aware responses to user queries.
- **Integrated** LLMs like PaLM to enhance conversational interactions, delivering personalized & engaging user experiences.
- **Optimized** information retrieval workflows using GraphRAG, reducing query response time by 20% and improving overall system efficiency.
- **Designed** an intuitive and user-friendly interface with Streamlit, for both technical and non-technical users
- **Key Skills:** Generative AI, Python, Neo4j, Streamlit, GraphRAG

HOTEL RESERVATION SYSTEM

November 2023

- **Developed** a full-stack system with React, PHP, and MySQL, enabling real-time booking management for **100+ users**.
- **Designed** a user-friendly interface for customers and a comprehensive admin dashboard, reducing manual workload.
- **Implemented** secure backend functionality with user authentication and dynamic updates.
- **Key Skills:** ReactJS, HTML, CSS, JavaScript, SQL, PHP

STUDENTS PLANNER APP

September 2023

- **Created** a productivity tool for students with features like TODO lists, timetables, PYQs, and an admin-controlled notice board, used by **50+ active users**.
- **Developed** admin and student modules in **Android Studio**, ensuring a seamless communication system for announcements and updates.
- **Implemented** SQLite for efficient offline data storage, ensuring app functionality without internet access.
- **Key Skills:** Android Studio, Java/Kotlin, XML, SQLite

SKILLS

- **Programming Languages:** Python, C++, Java, Javascript
- **Coding Platforms:** Leetcode (200+ problems solved), CodeChef (2star rating)
- **Web Development:** ReactJs, NextJs, Redux, Stripe, Firebase, MERN Stack (MongoDB, Express.js, React, Node.js), SQL, MongoDB, PostgreSQL, HTML, CSS, JavaScript
- **Tools:** Git, GitHub, Docker, Visual Studio Code, Jupyter notebook, Kubernetes

CERTIFICATIONS

- Meta Backend Developer Certificate
- Meta Frontend Developer Certificate