

RAJ KR. JAISWAL

Software Engineer

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📍 Chennai - India

in [Linkedin](#)

🔗 [Github](#)

[Leetcode](#)

EXPERIENCE

Intern

Mahindra and Mahindra

📅 Feb 2024 – Mar 2024

📍 Chennai, India

- **Project:** Contributed to the "Connect Copit" project, focusing on enhancing the connectivity features and user interface of the AR HUD system.
- **Performance Improvement:** Enhanced the AR HUD system's performance under adverse conditions by 30%, ensuring reliable operation in 95% of tested scenarios, including extreme weather and lighting conditions.
- **Error Reduction:** Through rigorous testing and refinement, reduced system errors and malfunctions by 40%, significantly improving the reliability and user experience of the AR HUD.
- **Cross-functional Teamwork:** Collaborated with a team of 4 engineers and designers, leading to the successful integration of AR HUD technology in a prototype vehicle.

ACHIEVEMENTS

- Secured [Full Scholarship](#) to study B.Tech in SRMIST by Ministry of Education.
- Qualified **Standard Chartered Hackathon** and were among **Top 16** teams out of 130 teams from the college.
- Qualified **All Internal Rounds** in Smart India Hackathon.

TECHNICAL SKILLS

- **Programming Languages:** JAVA, C++, Python, JavaScript
- **Backend Development:** Spring, Node.js, Express.js
- **Frontend Development:** React.js, Redux, JavaScript, Chakra UI, HTML, CSS
- **Miscellaneous:** Artificial Intelligence, Machine Learning, MongoDB
- **Version Control:** GitBash, GitHub, Jira, Bit-Bucket, Confluence
- **Other Tools:** VS Code, PyCharm, Jupyter Notebook, Eclipse

CODING PROFILES

- 120+ problems on [LeetCode](#).
- 100+ problems on [CodeChef](#).
- 150+ problems on [HackerRank](#).

EDUCATION

B.Tech. (CSE) - 8.81 CGPA

SRM Institute of Science and Technology

📅 2021 – 2025

📍 Chennai

Higher Secondary - 90%

National Infotech Sec. School

📅 2021

📍 Birgunj

Secondary - 81.6%

Golden Future Sec. School

📅 2019

📍 Birgunj

PROJECTS

E-Learning Web Application

- React JS | MongoDB | Express JS | Node JS
- An end-to-end implementation of a MERN STACK project based on a subscription-based model, **Razor Pay** is used for secure payment.

Chat Application with Authentication

- React JS | Firebase | Chakra UI | CSS
- The app efficiently manages customer inquiries, utilizing **Google Authentication** for security and **Firebase** for real-time updates, improving communication between clients and support staff.

Eye Controlled Mouse

- Python | Open CV | PyAutoGUI
- Computer vision project to **control the mouse cursor via eye movement**, using MediaPipe for face mesh detection and PyAutoGUI for cursor control.

COURSE SUBJECTS

- Data Structures and Algorithms
- Operating System
- Object Oriented Programming
- Database Management System
- Foundation of Analytics
- Introduction to Machine Learning

CERTIFICATION

- Python Language IIT Kharagpur [Certificate](#).
- JAVA Programming NPTEL [Certificate](#).
- Data Analytics CISCO [Certificate](#).