Rohit Rai

rohitrai.26csb@licet.ac.in | 9940180556 | linkedin.com/Rohit-Rai

EDUCATION

LOYOLA-ICAM COLLEGE OF ENGG AND TECH
BE Computer Science
2022 - 2026 | CGPA: 8/10

ST. MARY'S AI HR.SEC.SCHOOL
Higher Secondary
2022 | Percentage: 89%

LINKS

Github:// **RohitRai1141**
LinkedIn:// **Rohit Rai**
LeetCode:// **rohitraicsb**

SKILLS

PROGRAMMING
Java • C • Python • Kotlin

WEB TECHNOLOGIES
React.js • Angular • TypeScript
Node.js • Spring Boot • REST APIs

OTHER TOOLS
Git • Firebase • MySQL
scikit-learn • pandas • numpy

CERTIFICATION

ORACLE ACADEMY
•Database Programming with SQL
•Database Programming with PL/SQL

INFOSYS SPRINGBOARD
•Angular
•HTML5
•CSS3
•JavaScript

NPTEL
•Programming in Java

UDEMY
•Learn Java Programming - Beginner to Master

PRACTICE PROJECTS 2023 – 2024
• Portfolio Website | React, Tailwind CSS
• Gesture Snake Game | OpenCV, CV
• Smart AC Automation | ESP8266, AI Detection
• Smart Office IoT System | Remote Control

INTERNSHIP

INFOSYS SPRINGBOARD | Angular FullStack Developer Intern
Dec 2024 - Feb 2025
- Developed full-stack booking platform (cab, tour, flight, hotel) with Angular frontend and JSON server backend
- Served dual role as **Scrum Master** and **Product Owner**, leading 5-person team through sprint planning and development cycles
- Managed requirements gathering, project execution, and ensured seamless integration of all booking services
- Tech: **Angular, TypeScript, Bootstrap, JSON Server, Node.js, Git**

PROJECTS

WASTE MANAGEMENT APP | React Next.js, Spring Boot
Jan 2025 – Apr 2025
- Built a mobile application for waste classification that identifies and categorizes waste images with **90% accuracy** using an integrated image recognition model
- Designed a user-friendly interface and implemented RESTful APIs to provide localized recycling guidelines and disposal tips
- Tech Stack: **React, Next.js, Spring Boot, JavaScript, Java, REST APIs, GitHub**

CLASSROOM BOOKING SYSTEM | React, Firebase
May 2024 – Nov 2024
- Developed a real-time web-based classroom reservation system achieving **95% scheduling accuracy**, allowing faculty and students to efficiently manage room bookings
- Enabled role-based access control and integrated email notifications for booking confirmations and reminders
- Tech Stack: **React, JavaScript, HTML, CSS, Firebase/MySQL, GitHub**

VOICE-CONTROLLED GAME | React.js, Web Speech API
Sep 2024
- Created browser game with **90% voice recognition accuracy**
- Integrated Web Speech API for voice-based controls
- Tech Stack: **React.js, JavaScript, HTML, CSS, Web Speech API, GitHub**

MEDICAL TRIAGE ML MODEL | Python, scikit-learn
Apr 2025
- Optimized Random Forest Classifier using SMOTE and GridSearchCV
- Performed feature importance analysis for medical indicators
- Tech Stack: **Python, scikit-learn, pandas, numpy, matplotlib**

HACKATHON

- Shortlisted and pitched idea in the second round of **Innovator's Arena 2K25**, Make A Difference Club, LICET – Apr 2025
- Participated in HACKATHON X at **IIT Madras** - National Cyber Security Research Council - Aug 2024
- Competed in K! Hacks 2024 - South India's largest student hackathon
- Contributed to Shell NXplorers Pro 2023 innovation challenge