

Riya R

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🐙 Github

🌐 LinkedIn

📁 Portfolio



Education

- **Sahyadri College of Engineering and Management, Karnataka, India**
Bachelor of Engineering in Computer Science and Engineering (CSE)
CGPA: 9.34
Dec 2022 - Present
- **Boscoss PU College, Karnataka, India**
Pre-University Education - Science (PCMC)
Percentage: 97.3
2020 - 2022
- **Mount Carmel Central School, Karnataka, India**
Board of Secondary Education
Percentage: 91.4
2019 - 2020

Projects

- **DeepLock – Deepfake Detection with Blockchain**
Python, Flask, TensorFlow, React.js
 - Built an AI-powered platform leveraging InceptionNet v3, CRNN and ResNet-18 to detect deepfakes.
 - Developed backend logic with Flask and served model outputs through RESTful endpoints, paired with an interactive UI built in React.js.
 - Enabled model-specific handling of diverse media types, allowing isolated evaluation and real-time response visualization.
 - Future integration of blockchain technology to ensure immutability, transparency, and tamper-proof storage of detection outcomes.
- **QVista – Virtual Queue Management System** 🔄
MERN Stack, REST APIs, Git, Vercel
 - Built a full-stack web application enabling live queue tracking and administrator-level controls for efficient queue handling.
 - Integrated features such as status-based user flows (waiting, called, not arrived, served), automatic updates, and re-join logic using API-based communication.
 - Developed a responsive admin interface with visual tools to assess queue movement and reduce service delays.
 - Application deployed using Vercel, with source managed and tracked via GitHub repositories.
- **Personal Expense Tracker Web App** 🔄
MERN Stack, JWT Authentication, REST APIs, Recharts
 - Created a secure expense management system with authenticated user sessions and fully functional CRUD operations through REST APIs.
 - Designed a mobile-friendly frontend in React.js to display categorized expenses and dynamic charts using Recharts.
 - Incorporated flexible time-based filtering for in-depth analysis of financial habits over custom periods.
 - Hosted the live app on Vercel and maintained development progress and code history through GitHub.

Technical Skills and Interests

Languages: Java, JavaScript, HTML5, CSS, SQL

Frameworks & Libraries: Flask, React.js, Node.js, Express.js

Database & Backend: MongoDB, SQLPlus, REST APIs

Developer Tools: Git, GitHub, Vercel, VS Code

Platforms: Windows

Soft Skills & Interests: DSA, Agile Development, Communication, Web Development

Certifications

Deloitte Australia Data Analytics Job Simulation on Forage
Database and SQL

Completed: March 2025
Completed: February 2025

Achievements

Secured 2nd Place in TechVision-2025 for the project *DeepLock* at the Department Level.

Volunteer Experience

Placement Volunteer

Assisted in organizing and coordinating over 10+ campus placement drives.