

# RAHUL R

MERN Stack Developer

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## Profile Summary

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A self-taught **MERN stack** developer with expertise in **JavaScript, Node.js, Express, MongoDB, and React**, adept at building dynamic and responsive web applications. Additionally, with 1.5 years of experience as a **Placement Coordinator**, I have successfully managed student placements and strengthened corporate relations, combining strong **organizational skills with management proficiency**. Passionate about leveraging both technical expertise and management experience, I am eager to contribute to a dynamic development team, driving innovation and delivering impactful solutions.

## Technical Skills

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**Frontend Development:** HTML, CSS, SCSS, Bootstrap, Tailwind, JavaScript, React, Redux, EJS, Figma (UI/UX design)

**Backend Development:** Node.js, Express.js, RESTful APIs, JWT, Passport

**Databases and Caching:** MongoDB, Redis, Firebase

**Testing and QA:** Mocha, Chai, Jest, Postman

**DevOps and Deployment:** AWS EC2, Nginx, Vercel

**AI and Automation Tools:** ChatGPT, Gemini, Hugging Face, Cursor, Copilot

**Concepts and Programming Skills:** Data Structures and Algorithms (DSA), MVC Architecture, Object-Oriented Programming (OOP)

**Version Control and Collaboration:** GitHub, GitLab

## Professional Experience

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### Senior Placement Coordinator

*Oct 2023 – Feb 2025*

Brototype (PACKAPEER ACADEMY PRIVATE LIMITED)

- Successfully placed more than 600 students in various companies by leveraging strong corporate relationships, coordinating placement activities, and facilitating smooth interactions between candidates and organizations.
- Verified and maintained the functionality of placement-related tools and platforms, ensuring seamless usability for recruitment processes and coordination activities.
- Participated in the Take of Interviews (TOI), contributing insights on candidates' technical abilities and project contributions.
- Led a team of Placement Coordinators and interns, providing training, mentorship, and guidance to enhance their skills and effectiveness in managing placement activities.
- Managed end-to-end placement activities, including B2B placements, resume management, recruitment tool administration, placement updates, and post-placement coordination, ensuring seamless and effective placement processes.

# Projects

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## FlowWell - Menstrual E-commerce Platform

[!\[\]\(3dfb8d66e81160ad61421a3452093d1b\_img.jpg\) Live Link](#) | [!\[\]\(21ece2018b00c7267b3324c50bbed633\_img.jpg\) GitHub](#)

FlowWell is an **AI-driven** e-commerce platform designed to transform the typical online shopping experience into a personalized and proactive one. The platform integrates intelligent features such as AI-powered review summaries, smart cycle notifications, flexible payment options, high-security authentication, real-time order tracking, and an incentive system to improve user engagement and satisfaction. Built with a modern tech stack, FlowWell leverages **React, Redux, Node.js, Express.js, MongoDB, Redis, and cloud services** to deliver a fast, scalable, and secure shopping experience.

- \* Integrated AI-powered review summaries using **Hugging Face** to provide users with quick insights from massive feedback, aiding informed purchase decisions.
- \* Implemented **Smart Cycle Notifications** using Node.js Scheduling to deliver timely, personalized reminders, ensuring users never run out of essential supplies.
- \* Developed flexible payment options with Razorpay, in-app Wallet, and Cash on Delivery (COD), offering seamless and secure transactions.
- \* Ensured high-security authentication with **JWT for token-based**, safe, and stateless session management.
- \* Built an incentive system with **coupons and referral programs** via Express.js APIs, enhancing user engagement and loyalty.
- \* Implemented live order tracking with MongoDB, providing real-time updates from checkout to delivery for an enhanced user experience.
- \* Designed a responsive frontend with **React, Redux, and Bootstrap**, and scalable backend APIs with **Node.js and Express.js** for high-performance operations.
- \* Integrated **Cloudinary** for optimized media management and fast asset delivery.
- \* Deployed the frontend on **Vercel** and backend on **AWS EC2** to ensure fast load times, reliability, and scalable hosting infrastructure.

## User Management System

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Developed a full-featured **User Management System** that enables efficient handling of user data, roles, and **authentication with JWT**. Built with React and **Redux** for state management, the application provides a responsive interface for CRUD operations, real-time state updates, and a seamless user experience.

- \* Implemented user registration, login, and **profile management** with secure **JWT** authentication.
- \* Managed global application state with **Redux** and **Redux Persist**, ensuring seamless session handling and real-time updates.
- \* Built a responsive frontend using **React**, providing an intuitive and dynamic user interface.
- \* Developed **CRUD functionality** with **role-based access control**, allowing admins full management and users limited access.
- \* Enabled admin operations: add, edit, search, and delete users with pagination.
- \* Integrated **Express Validator** for robust form validation and error handling, improving security and user experience.

## Netflix Clone

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Developed a Netflix Clone web application that allows users to browse, search, wishlist, the movie information in a dynamic and interactive interface. Built with the React and Context API for state management, the app fetches real-time movie data from the **OMDB API** and movie trailers from the **YouTube API**, ensuring secure access with **firewall** integration. The project emphasizes responsive design, smooth navigation, and a modern user experience.

- \* Fetched and displayed real-time movie data using the **OMDB API**, including movie posters, ratings, and plot summaries.
- \* Integrated the **YouTube API** to stream official trailers directly within the application.
- \* Implemented global state management using **Context API** for efficient and seamless data handling across components.
- \* Built a responsive and dynamic UI with **React**, providing a smooth, Netflix-like browsing experience.
- \* Integrated **firewall**/security measures to protect the application and API requests from unauthorized access.
- \* Included loading states and error handling for API requests to improve user experience.

# Achievements

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## Web Development Workshop

 [Certificate](#)

Successfully completed a web development workshop during college, gaining hands-on experience and practical skills in various aspects of web development.

# Education

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## MERN Stack Development

2025 – Present

Brototype

## BCom - Computer Application

2021 – 2023

Kerala University