Rahib K V
MERN Stack Developer

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Profile Summary

Enthusiastic and self-taught full-stack developer driven by a passion for creating scalable, efficient, and impactful web applications. With a strong foundation across front-end, back-end, and DevOps, I love transforming ideas into seamless digital experiences. I am continuously learning, improving, and eager to contribute to innovative teams that value clean architecture, problem-solving, and user-centric solutions.

Technical Skills

- **Programming Languages:** JavaScript, TypeScript, Python (Basics).
- **Frontend:** React.js, Redux Toolkit, Zustand, HTML, CSS, Tailwind, Bootstrap, Shadcn UI, Material UI, Zod, Formik, Axios.
- **Backend:** Node.js, TypeScript, Express.js, REST API, gRPC, JWT, Passport.js, MVC, Repository Pattern, Microservices, Kafka, Inversify.
- **Database:** MongoDB, PostgreSQL.
- **Real-Time Communication:** WebRTC, Socket.io, WebSocket.
- **Infrastructure:** Docker, Kubernetes, CI/CD (GitHub Actions), AWS, GCP, Render, Nginx.
- **Tools:** Git, GitHub, Postman, Swagger, Figma.

Projects

HireVerse – Platform for Job Seekers and Companies   GitHub ☑   Live ☑   Demo ☑

A modern hiring platform enabling real-time job applications, messaging, and interview scheduling. Designed for seamless interaction between job seekers and companies with scalability and speed in mind.

- Built a scalable job portal with real-time features and personalized dashboards for job seekers and companies.
- Enabled job seekers to browse jobs, track applications, and chat in real-time with companies.
- Allowed companies to post jobs, review applications, schedule interviews, and manage offers.
- Implemented real-time chat and notifications using **Socket.IO** and live interviews via **WebRTC**.
- Followed the **Repository Pattern** for clean separation of business logic and data access layers.
- Utilized **Stripe** for secure payment processing with flexible subscription plans.
- **Tech Stack:** Repository Pattern, Microservice architecture with gRPC, Kafka, Socket.IO, WebRTC, React, TypeScript, Node.js, PostgreSQL, MongoDB, Docker, Kubernetes, and GCP.

TechBay – A Comprehensive E-commerce Platform   GitHub ☑   Live ☑   Demo ☑

A feature-rich e-commerce solution built for electronics, supporting real-time order management, user-friendly interfaces, and admin tools for full control over inventory and sales.

- Developed a full-stack electronics e-commerce platform with **JWT** authentication and **PayPal** integration.
- Enabled user features such as **wishlist**, coupons, returns, wallet-based refunds, and order tracking.
- Built admin tools for managing inventory, product listings, order statuses, and analytics.
- **Tech Stack:** React, TypeScript, Redux Toolkit, Zod, Tailwind CSS, Shadcn UI, Node.js, Express, MongoDB, PayPal API, JWT.
- **Tools & Libraries:** Vite, Axios, Nodemailer, Multer, ExcelJS, PDF-lib, date-fns, bcryptjs, Google APIs.

Healer – Backend for Therapist-User Consultation Platform   GitHub ☑   Live ☑

A backend solution for a mental health consultation platform enabling appointment bookings, real-time chat, and secure therapist-user communication.

- Built RESTful APIs for user registration, therapist profiles, and appointment management using **Express**.
- Enabled real-time messaging and availability updates with **Socket.IO**.
- Integrated **Razorpay** for seamless and secure payments.
- Documented API endpoints using **Swagger** for easy testing and collaboration.
- **Tech Stack:** Node.js, Express, JWT, Socket.IO, Redis, Razorpay, Swagger.

Mini Projects

Inventory Management System   GitHub ☑   Live ☑

A robust inventory tool to manage stock, customers, and sales with exportable reports and email integration for businesses.

- Developed a full-featured inventory system to manage products, customers, and transactions.
- Implemented authentication and protected routes with full CRUD on inventory modules.
- Integrated exportable reports in **PDF**, **Excel**, and print-ready formats.
- Enabled email-based sharing of reports and ensured a responsive UI.
- **Tech Stack:** MongoDB, Express, React, Node.js, Vite, MUI.

Shortify – URL Shortener Web Application   GitHub ☑   Live ☑

A minimal and fast URL shortener with click tracking, custom link controls, and a clean, responsive design.

- Built a full-stack URL shortener with real-time redirection and analytics.
- Included click tracking, custom link control, and user link history.
- Followed the **Atomic Design Pattern** for scalable frontend components.
- Used **Tailwind CSS** for a modern and mobile-friendly interface.
- **Tech Stack:** MongoDB, Express, React, Node.js, Tailwind CSS.

Education

MERN Stack Development   **2024 – Present**
Brototype, Kochi, Kerala   ✸ Certificate ☑

Bachelor of Computer Applications   **2019 – 2022**
Jamia Hamdard, Kannur, Kerala