RAHUL DUTTA

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WORK EXPERIENCE

MERN Stack Developer   April 2024 – Present
Tech Mantra   *Full Time, In Office*

- **Lux Industries** - Developed a high-performant *Distributor Management System (DMS)* using MERN stack, improving distributor workflows, compliance, and operational efficiency by 30% across India.
- **Lux Cozi** - Developed a scalable *Game Management System* for Lux Cozi's Spin and Win, managing 56,000+ pincodes, 800,000+ users, and handling 3,000+ concurrent API calls with 99.9% uptime.
- **Zoofi** ⬈ - Built a highly scalable *E-commerce Marketplace* with 2,000+ products, a B2B seller model, integrated voice search, chat support, and real-time notifications, boosting user engagement by 25%.
- **Hire2inspire** ⬈ - Developed a *Vendor Management System (VMS)* to streamline candidate sourcing and communication, reducing the hiring cycle time by 40% for agencies and employers.

Full Stack Web Developer Intern   September 2022 – November 2022
Business Web Solutions   *Internship, Remote*

- Developed 5+ static web pages and React-based web applications.
- Worked with SQL and NoSQL databases, contributing to efficient data storage and retrieval, ensuring system reliability.

PERSONAL PROJECTS

ExpenseEase | Link | *React, Node.js, Express.js, MongoDB, Tailwind CSS, Redux, RTK Query, Gemini AI*

- Developed a full-stack expense tracker with AI insights, using Gemini AI APIs for personalized financial recommendations.
- Built interactive charts to analyze expenses by party, category, and payment mode, with export options.
- Integrated Google Gemini AI for personalized insights and recommendations on spending patterns.
- Created a responsive, user-friendly interface with Tailwind CSS to enhance user experience.

ShopEase | Link | *React, Node.js, Express.js, MongoDB, Tailwind CSS, DaisyUI, Redux, RTK Query*

- Developed a full-stack e-commerce app with Stripe payment integration and admin dashboard for inventory management.
- Implemented user reviews, role-based authentication, and dynamic routing for enhanced security and functionality.
- Enhanced user experience with React Router DOM for smooth navigation and Google OAuth for authentication.

RemoteRepo | Link | *React, Node.js, Express.js, Passport.js, MongoDB, Tailwind CSS*

- Developed a MERN app to search, view, and share GitHub profiles with smooth, secure navigation.
- Integrated GitHub OAuth via Passport.js for secure and seamless user authentication.
- Optimized navigation with React Router DOM to ensure smooth and secure routing for users.

All of my projects are listed at rahuldutta.netlify.app/projects

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS
Frameworks & Libraries: React, Redux, Redux Toolkit, React Query, Node.js, Material UI, Express.js, Tailwind CSS, Bootstrap
Database Management: MongoDB, MySQL, PostgreSQL, ORM Tools (Mongoose, Sequelize)
DevOps & Dev Tools: Docker, CI/CD, Git, GitHub, Package Managers (npm), Jest (Testing), Postman(API Testing)

EDUCATION

Maulana Abul Kalam Azad University of Technology   West Bengal, India
Bachelor of Computer Application, GPA: 9.35   *Nov. 2020 – July 2023*

West Bengal Council of Higher Secondary Education   West Bengal, India
Higher Secondary, Science, Grade: A   *2020*

West Bengal Board of Secondary Education   West Bengal, India
Secondary, General Sciences, Grade: A+   *2018*