ABHISHEK KUMAR RAM

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Summary

A passionate MERN Stack Developer with a solid foundation in web development and a knack for crafting seamless, user-friendly web applications. Proficient in building full-stack applications using MongoDB, Express.js, React.js, and Node.js, with hands-on experience in designing responsive interfaces, integrating RESTful APIs, and implementing efficient backend systems. Adept at debugging, optimizing code, and ensuring high-performance app delivery. A quick learner with a collaborative spirit, ready to tackle challenging projects and contribute to innovative solutions. Eager to bring creative ideas and technical expertise to drive business success.

Experience

Tata Consultancy Services | Kolkata,West Bengal
System Engineer | 04/2021 - Present
• Serving as a Developemnt and Support Systems engineer role in an Insurance Domain Project (US BFSI) that deal with policy enforcement. Working on Oracle Sql developer on SQL query and ETL tool Informatica.

Skills

HTML, CSS, JavaScript, MongoDB, Redux, Express.js, React.js, Node.js, C, C++, Python, MySQL, Oracle Database, Informatica, WordPress, MERN

Education

University of Engineering & Management | Kolkata,West Bengal
BTECH in Electrical and Electronics Engineering | 08/2015
CGPA- 8.23

CENTRAL MODEL SCHOOL,BARRACKPORE | Kolkata,West Bengal
Higher Secondary | 05/2014
Percentage : 60%

CENTRAL MODEL SCHOOL,BARRACKPORE | Kolkata,West Bengal
Senior Secondary | 05/2011
CGPA - 8.4

Projects

E-Commerce Application - MERN + Redux

Designed and developed a feature-rich e-commerce web application using the MERN stack, offering a seamless shopping experience. Key features include:

- *Product Catalog*: Displayed products with detailed descriptions, images, and pricing, enabling users to browse and search efficiently.
- *Shopping Cart*: Implemented an interactive cart system for adding, removing, and updating product quantities.
- *User Authentication*: Secured the platform with login, signup, and role-based access control using JWT.
- *Order Management*: Built a comprehensive order tracking system, allowing users to view order history and status.
- *Payment Integration*: Integrated a secure payment gateway for online transactions.
- *Admin Dashboard*: Developed an admin panel for managing products, categories, and orders.

Hotel Booking Application - MERN + Redux

Developed a full-stack web application for seamless hotel booking using the MERN stack. The application allows users to search for hotels, check availability, and make bookings with ease. Key features include:

- *Dynamic Search*: Filter hotels based on location, dates, and room type.
- *Booking Management*: Secure booking system with check-in and check-out date validation.
- *User Authentication*: Implemented login and signup functionality using JWT for secure access.
- *Responsive Design*: Ensured compatibility across devices for an optimal user experience.
- *Payment Integration*: Incorporated a payment gateway for hassle-free transactions.

Food Ordering Application - MERN + Redux

Developed a dynamic food ordering web application leveraging the MERN stack, providing users with a seamless and intuitive platform to explore, filter, and order food. Key highlights of the project include:

- *Food Filters*: Enabled users to filter meals by type (breakfast, lunch, dinner), category (veg, chicken, mutton), and price range.
- *User Authentication*: Implemented secure login and signup functionality with JWT for personalized experiences.
- *Order Management*: Designed a dedicated order page where users can view their ordered items and track payment status.
- *Payment Gateway*: Integrated a secure payment system to handle online transactions.
- *Responsive Design*: Ensured an optimized experience across desktop, tablet, and mobile devices.

Electrical and Electronics Domain Projects
- Solar Inverter (Final year project)
- Home Automation system using arduino
- Temperature controlled fan using arduino
- RC aircraft
- LASER Security Alarm

Languages

English, Hindi, Bengali

Awards

Service commitment Award- TCS, GATE 2019,2020 Qualified

Certificates

CRIO - FULLSTACK WEB DEVELOPMENT, NPTEL certication in ANALOG ELECTRONICS, BOEING Aeromodelling competiton at IIT KGP (2016,17)