



SURAJ YADAV

FULL STACK WEB DEVELOPER

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SKILLS

- HTML5
- CSS3
- JavaScript
- React.js
- Next.js
- Node.js
- Express.js
- Mongoose
- MongoDB
- Redux
- Chakra-UI
- Material-UI
- OAuth 2.0

CERTIFICATIONS

- HACKERANK JAVASCRIPT BASIC
- PROMPT ENGINEER
- SOLOLEARN CSS
- MASAI WEB DEVELOPEMENT
- TYPESCRIPT

SOFT SKILLS

- Time Management
- Adaptability
- Teamwork
- Interpersonal Skills

PROFESSIONAL SUMMARY

Passionate Full-Stack Web Developer with a creative mindset and strong design, problem-solving, and communication skills. A highly disciplined and motivated individual with a proven proficiency in a wide range of front-end and back-end technologies, including Node, JavaScript, React, Redux, and more. Eagerly anticipating the opportunity to contribute my expertise and enthusiasm as a React developer to create innovative and impactful web solutions.

EXPERIENCE

FULL STACK WEB DEVELOPER

Sep 2023 – Apr 2024

Codex Solutions

- Spearheaded the development of full-stack solutions, seamlessly integrating front-end UI and back-end API functionalities to deliver robust and user-friendly applications.
- Leveraged expertise in HTML, CSS, and JavaScript to craft visually appealing and intuitive user interfaces, ensuring optimal user experiences across various platforms and devices.
- Designed and implemented RESTful APIs using frameworks such as Express.js, facilitating efficient communication between the front-end and back-end systems.
- Collaborated closely with cross-functional teams to gather requirements, translate them into technical specifications, and deliver solutions that meet both user needs and business objectives.
- Conducted thorough testing and debugging of code to identify and resolve issues, maintaining code integrity and application stability throughout the development lifecycle.
- Stayed abreast of emerging technologies and best practices in full-stack development, actively seeking opportunities to enhance skills and incorporate new tools and techniques into projects.
- Contributed to the continuous improvement of development processes and workflows, suggesting and implementing enhancements to boost productivity and efficiency.
- Provided mentorship and guidance to junior developers, sharing knowledge and expertise to foster their professional growth and development within the team.

EDUCATION

Full Stack Web Development

Masai School, Bengaluru

2022 - 2023

Bachelor of Commerce (B.Com)

DR. Bhimrao Ambedkar University, Agra

2019 - 2022

PROJECTS

Blog App 🎧 📱

Developed a full-stack blog application using the MERN (MongoDB, Express.js, React.js, Node.js) stack along with JWT (JSON Web Tokens) authentication and bcrypt for password hashing. The project aimed to provide users with a seamless platform to create, publish, and manage their blog posts.

Key Features:

- User Authentication: Implemented secure user authentication using JWT for token-based authentication and bcrypt for password hashing, ensuring data privacy and security.
- CRUD Operations: Enabled users to perform CRUD (Create, Read, Update, Delete) operations on blog posts, allowing them to create new posts, read existing ones, update their content, and delete unwanted posts.
- Responsive UI/UX: Designed a responsive user interface with React.js, providing a seamless experience across various devices and screen sizes.
- RESTful API: Built a RESTful API using Express.js to handle backend logic, including routing, request handling, and database interactions.
- MongoDB Integration: Utilized MongoDB as the database to store blog posts and user information, leveraging its flexibility and scalability for efficient data management.
- Deployment: Deployed the application on cloud platforms like Vercel or Cyclic, ensuring accessibility and availability to users worldwide.

Technologies Used:

- Frontend: React.js, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js
- Database: MongoDB
- Authentication: JWT, bcrypt
- Deployment: Vercel / Cyclic

Outcome:

The MERN stack blog application successfully provided users with a robust platform to express their thoughts and ideas through blogging. The project showcased proficiency in full-stack development, including frontend design, backend logic implementation, database management, and authentication security.

Transport Management System 🚚 📱

Led a collaborative effort to develop a comprehensive Transport Management System (TMS) using the MERN (MongoDB, Express.js, React.js, Node.js) stack. The system aimed to streamline logistics operations by integrating key features such as Route Planning and Optimization, Order Management, Shipment Consolidation, Carrier Management, Inventory Management, Warehouse Integration, and Reporting and Analytics.

Key Features:

- Route Planning and Optimization: Implemented algorithms to optimize routes, reducing fuel consumption, and travel time while ensuring timely deliveries.
- Order Management: Developed functionalities to manage orders efficiently, including order creation, tracking, and status updates.
- Shipment Consolidation: Enabled users to consolidate multiple shipments into a single load, optimizing transportation resources and reducing costs.
- Carrier Management: Integrated features for managing carrier information, contracts, rates, and performance metrics, facilitating effective collaboration with transportation partners.
- Inventory Management: Implemented inventory tracking and management capabilities to monitor stock levels, locations, and movements across the supply chain.
- Warehouse Integration: Integrated the TMS with warehouse systems for seamless coordination of inventory, orders, and shipments between transportation and warehouse operations.
- Reporting and Analytics: Implemented reporting tools and analytics dashboards to provide insights into transportation performance, costs, and efficiency metrics, aiding in strategic decision-making.

Technologies Used:

- Frontend: React.js, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js
- Database: MongoDB
- Authentication: JWT, bcrypt
- Deployment: AWS

Outcome:

The MERN stack Transport Management System revolutionized logistics operations by providing a comprehensive platform for planning, executing, and optimizing transportation processes. The project showcased expertise in full-stack development, integrating complex logistics functionalities with user-friendly interfaces, robust backend logic, and secure authentication mechanisms.