

VIJAY KUMAR

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Education

Dayananda Sagar University

Bachelor of Engineering in Artificial Intelligence and Machine Learning

Sep 2023 – May 2027

Bangalore

Projects

Food Ordering App | *React .js, Bootstrap ,Node.js, Express.js, MongoDB,*

- Developed a backend for a Food Ordering App using Node.js and Express.js.
- Designed and managed a scalable MongoDB database with Mongoose.
- Implemented secure user authentication and authorization with JWT and middleware.
- Created comprehensive RESTful APIs for various functionalities including user authentication, menu management, order processing, and restaurant management.

Spotify Client | *React.js ,Tailwind CSS ,node.js,express.js,MongoDB*

- **Developed a full-stack music streaming application** with user authentication and personalized playlists.
- **Built a RESTful API using Node.js & Express.js** for fetching, streaming, and managing songs.
- **Implemented JWT authentication** for secure user login & signup.

Transaction Management GUI | *React.js, Tailwind CSS, Node.js,*

- Developed a full-stack banking transaction system with **React.js (frontend)** and **Node.js (backend)** to simulate real-world banking operations. .
- Designed an interactive **GUI using React.js & Tailwind CSS**, enabling users to create accounts, deposit, withdraw, and view transaction history.
- Built a **secure RESTful API using Express.js** with **MongoDB** for storing user accounts and transactions.

College Alumini Connect | *React.js, Tailwind CSS, Node.js, Express.js*

- Developed a **full-stack College Alumini application** with React.js for the frontend and Node.js & Express.js for the backend.
- Built a **backend using Express.js** to Connecting the Student each other for Project and doubts.

Machine-Test | *React.js, Tailwind CSS, Node.js, MongoDB Express.js*

- Developed **JWT-based authentication** for Admin login with secure access control.
- Designed CRUD operations to **add, update, and manage agents** with role-based access
- Implemented logic to **distribute tasks equally among agents** with a fallback for uneven items
- Implemented **proper validation, error handling, and modular code structure** for scalability

popx-mobile-auth | *React.js,, Vite.js, Tailwind CSS*

- **Built a secure user authentication system**, including login, account creation, and profile management features.
- **Developed dynamic and responsive UI components** using React.js and Tailwind CSS for an enhanced user experience.
- **Implemented React Router for seamless navigation**, ensuring efficient routing between authentication, profile, and dashboard pages.
- **Integrated local storage for persistent user data**, enabling profile management with image upload functionality.
- **Structured modular and reusable components**, optimizing code maintainability and scalability .

Technical Skills

Languages: Python,MySQL, c++, Java, C, HTML/CSS, JavaScript, DATA Structure,Artificial Intelligence

Web Development: Node.js,React.js, s, HTML5, CSS, Express.js, Tailwind, Bootstrap

Backend Developer : Node.js, Express.js, SQL ,NoSQL ,RESTful APIs

Application Developer:React Native, Flutter

Data Analytics: Python, Num Py, Pandas,Matplotlib

Developer Tools: VS Code

Technologies/Frameworks: Linux, GitHub,Mongo DB