Mahesh Balabadra

📞 9550696515   ✉ maheshbalabadra186@gmail.com   in linkedin.com/maheshbalabdra   ⌗ github.com/mahi642

Education

Indian Institute of Information Technology Sri City   Expected May 2025
Bachelor of Technology in Computer Science (GPA: 7.58 / 10.00)   *Tirupati, Andhra Pradesh*
- **Relevant Coursework:** Data Structures and Algorithms ,Object Oriented Programming, Computer Architecture, Database Management Systems, Operating Systems, Computer Networks, Theory of Computation.

Experience

Padel India   August 2024 – present
Software Development Intern   *City, State*
- Developed and integrated RESTful APIs using Nest.js, enhancing system scalability and performance.
- Designed and implemented responsive and clean frontend components and dashboards with React and Redux, boosting user engagement.
- Created comprehensive backend services with Nest.js, optimizing server performance and reducing load.
- Utilized Material-UI to design modern and user-friendly interfaces, improving overall application aesthetics and usability.

Projects

Vihari | *React.js, Node.js, MongoDB, ExpressJs, Redis* | Demo | GitHub
- Developed Vihari, a comprehensive travel website where users can book bus tickets and holiday packages, and agents can add and manage their services for buses and trips.
- Created a modern, responsive frontend using React/Redux , enhancing user experience and accessibility.
- Implemented a robust backend system with Node.js, Express.js, MongoDB, and Redis for efficient data management and caching.
- Integrated various technologies to provide a seamless booking experience, from bus reservations to destination packages.

Connect | *MongoDB, Express.js, React, Node.js,tailwind,socket.io*   Github
- Built a web application using the MERN stack with real-time capabilities via Socket.io, and a responsive UI powered by TailwindCSS and Daisy UI.
- Implemented secure authentication and authorization mechanisms using JWT to protect user data and ensure access control.
- Integrated real-time messaging features with Socket.io, enabling instant communication within the application.
- Used Zustand for efficient global state management, ensuring consistent user experiences across the application.

Jmart | *Java,mysql*   Github
- Developed JMart, an advanced online supermarket system using Java and MySQL, featuring comprehensive functionalities for both users and employees.
- Implemented user management features, enabling account creation, login functionality, and secure management of user data.
- Designed product management modules allowing users to browse products, add items to a cart, and generate bills through a command-line interface (CLI).
- Integrated employee management capabilities, including adding, deleting, and managing employee records, as well as processing salaries.

Technical Skills

Languages: C, C++, Java, Python, JavaScript, TypeScript
Frameworks: React.js, Tailwind CSS, Material UI, Daisy UI, ExpressJs, NodeJs, NestJs
Tools: GitHub, Docker, Redis, MongoDB, Swagger, Postman, MySQL, AWS (EC2)

Certifications

Python for Data Science offered by IBM
Full Stack Development Cohort by 100xDev