BALARAJU MANGI

FULL STACK WEB DEVELOPER

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S U M M A R Y

- Having 2.3 years of experience as Full Stack Web Developer, Hands on experience in building and deploying full- stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).

- Experienced in end-to-end development, from conceptualization and design to deployment and maintenance.

- Extensive experience with React.js, including functional components, hooks, state management (Context API, Redux), Routing and performance optimization techniques like lazy loading, code splitting, and memorization.

- Strong understanding of modern JavaScript (ES6+).

- Development of unit test cases for React.js components using Jest to ensure functionality, code coverage, and performance consistency.

- Expertise in managing application state using Redux, Context API.

- Expertise in creating responsive and user-friendly interfaces using CSS frameworks like Bootstrap, Material-UI, and custom CSS/Sass.

- Skilled in developing RESTful APIs using Node.js and Express.js.

- Proficient in server-side logic, routing, middleware integration, and authentication mechanisms (JWT, OAuth).

- Experienced with MongoDB for database design, schema modeling, query optimization, and using Mongoose for object data modeling (ODM) in Node.js.

- Proficient in back-end performance tuning, including database indexing, query optimization, and load balancing.

- Proficient in writing Docker images for both frontend and backend and using Docker for containerization and deployment.

- Experienced in Agile methodologies and tools like github and Click Up for project management and team collaboration.

- Proven ability to troubleshoot and resolve complex technical issues across the full stack.

Technical Skills

Front End Technologies	Html, Css, Java Script, React Js, Redux,Sass, Bootstrap, Material UI, Webpack, Vite
Back End Technologies	Node Js, Express Js, Mongo DB, JWT, API Gateway, Open API, Git
Project Execution Tools	GitHub

Work Experience

Full Stack Web Developer

IOLITE TECHNOLOGY PRIVATE LIMITED | Sept 2022 - Present

Responsibilities:

- Developed and maintained responsive web applications from scratch using React.js
- Participated in Sprint Planning, Evaluations, and daily Scrum meetings
- • Translated design mockups and business ideas into functional user interfaces.
- Created reusable UI components and modules.
- Managed application state using Redux Toolkit, ensuring robust and scalable state handling.
- Handled and validated forms using React Hook Form and Yup.
- Implemented end-to-end user authentication and authorization using JWT tokens and session management, securing both frontend and backend
- Configured and managed server-side logic, routing, and middleware using Express.js.
- Integrated MongoDB for flexible data storage and powerful querying capabilities.
- Coordinated with co team members to develop high level business and technical documents.

Project 1

Project: KNOWLEDGE PRO
Duration: December 2023 to till date.
Technologies: Html, Css, Java Script, React Js, Node Js, Express Js, Mongo DB, Git, Docker, Rabbit MQ **Size:** 15
Project Description: AllMasters is an LCL internal shipment software for water transport. Users can log in, book shipment space, and track live milestones until delivery. Profits from specific container bookings are divided among users.

Project 2

Project: Dokonaly
Duration: December 2022 to June 2023.
Technologies: Html, Css, React Js, Node Js, Express Js, Mongo DB, Bootstrap, Material UI, Git, Docker, JWT **POD Size:** 13
Project Description: Dokonaly is an internal shipment software for water and air transport. Users can log in, book shipment space, and track live milestones until delivery.

Project 3

Project: Doko Tools

Duration: September 2023 to November 2023
Technologies: Html, Css, Java Script, React Js, Node Js, Express Js, MongoDB
Size: 5
Project Description: Doko Tools is an internal application used for raising tickets across teams, allowing users to chat and see live updates regarding tickets. It also enables sales managers to assign leads to salespersons, who can then track updates of sales meetings.

Project 4

Project: Build Bazaar
Duration: December 2021 to December 2022
Technologies: Html, Css, Java Script, jQuery, Sass, React Js, Git
Role: UI Engineer **POD Size:** 20

Project Description: Build Bazaar is an e-commerce platform where clients can create and customize their own online stores. They can choose from default themes or customize their own, and list products based on their subscription plan.

Clients: Jumbo, Sintex, Eves24, Crossword, Axiom

Project 5

Project: GeM
Duration: December 2021 to December 2022
Technologies: Html, Css, Sass, Java Script, JQuery, Git, Story Book, Bootstrap **Role:** UI Engineer **POD Size:** 40
Project Description: GeM is a government e-marketplace where organizations can procure products from vendors through a binding process or directly from vendors.

Project 6

Project: Jio Mart Seller Website (JIT)
Duration: December 2021 to December 2022
Technologies: Html, Css, Java Script, React Js, Git, Docker **POD Size:** 15
Project Description: JIT is a Jio Mart Seller website where vendors can update their inventory based on user orders they see. Frontend templates were created for each new vendor to manage orders, update inventory, and reflect changes across the site.

Education

B. Tech (Compute Science) from JNTUK University.

Declaration

I declare that all the information provided is accurate and true to the best of my knowledge.

Date: Balreddy Mahendra