Balaram Mandalo

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SUMMARY

Self-motivated and results-driven Software Developer with strong foundation in full-stack development using JavaScript, React.js, Node.js, Express.js, and Python. Proven experience in building responsive, scalable applications during internship and personal projects. Eager to contribute to team success through hard work, attention to detail, and excellent problem-solving skills.

EXPERIENCE

Software Development Intern

NXT Wave Technologies Pvt. Ltd — **October 2023 – June 2024, Hyderabad**

· Developed responsive single-page applications (SPAs) using React.js.

· Built and integrated RESTful APIs with Node.js and Express.js.

· Optimized database interactions using SQL and MongoDB for data persistence.

· Practiced OOP principles in Python, implementing abstraction, inheritance, and encapsulation.

PROJECT

Jobby App

· Developed a job search application featuring login functionality, job listings, and filters based on salary range and employment type.

· Integrated JWT-based authentication for secure user sessions and persisted login state across routes.

· Implemented protected routes and dynamic navigation using React Router for a seamless user experience.

Airbnb Clone

· Developed a full-stack clone of Airbnb with features such as property listings, detailed views, and search filters.

· Implemented MVC architecture using Express.js and EJS for structured and maintainable code.

· Integrated MongoDB for efficient data storage and retrieval of user and property information.

Todos Application

· Designed and implemented a responsive task management application with a clean user interface.

· Enabled full CRUD (Create, Read, Update, Delete) functionality using JavaScript event handling.

· Utilized local storage to persist user tasks across browser sessions.

EDUCATION

Bachelor of Technology in Mechanical Engineering

Gayatri Institute of Engineering and Technology · Berhampur, Odisha · 2023 · 7.89

CERTIFICATIONS

Python

HackerRank · 2024

· Demonstrates proficiency in foundational Python programming concepts, including scalar types, control flow, strings, collections, and iteration.

· Validates the ability to write basic Python programs, with knowledge of modularity, objects, types, and classes.

Industry Ready Certificate of Specialization

CCBP Intensive Program · 2024

· Proficiency in full-stack development with Python, HTML, CSS, JavaScript, Node.js, React.js, MongoDB, and GitHub

· Knowledge of emerging technologies such as IoT and Blockchain

· Ability to work in professional software development environments, ready for industry challenges

SKILLS

· **Frontend:** HTML5, CSS3, JavaScript, React.js

· **Backend:** Node.js, Express.js, Python (OOP, REST APIs)

· **Databases:** MongoDB, SQLite

· **Tools:** Git, GitHub, VS Code, Postman