

Akshay Lakwal

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Objective

Aspiring Full-Stack Software Engineer (MERN Stack) and final-year IT student with a strong foundation in DSA and OOP. Proven ability to design, develop, and deploy scalable real-time applications and RESTful APIs. Seeking an entry-level role to contribute hands-on development and problem-solving skills.

Education

Bachelor of Engineering (B.E) - Information Technology, <i>International Institute of Information Technology, Pune (SPPU)</i> (Pursuing)	2022 – 2026
Higher Secondary Education (12th), <i>Sarosh Junior College, Chhatrapati Sambhajinagar</i> 87%	2021 – 2022
Secondary Education (10th), <i>Sanskar English High School, Chhatrapati Sambhajinagar</i> 94.80%	2019 – 2020

Technical Skills

Programming Languages C++, Javascript (ES6+)	Web Technologies HTML, CSS, JavaScript, Bootstrap, REST APIs
Frameworks React, Node.js, Express	Databases MongoDB, MySQL
Core Concepts DSA, OOP, DBMS	Cloud & Deployment Render, Netlify
Tools & Technologies Git, GitHub, VS Code, Postman (API Testing)	

Experience

Data Engineering Intern, Eduskills Foundation 📄 • Developed and refined ETL pipelines for efficient data ingestion and cleaning from large datasets. • Optimized data processing by implementing data transformation workflows, improving data preparation efficiency. • Collaborated to structure and prepare high-quality datasets for analytics and Machine Learning (ML) model training.	01/2025 – 03/2025
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Projects

MahaDBT Awareness Portal, https://github.com/akash4550/mahadb-t-awareness-portal Tech Stack: React, Node.js, Express.js, MongoDB, JWT, REST API, Render, Netlify • Developed a full-stack portal (MERN) to guide beneficiaries through government DBT schemes. • Secured the application using JWT user authentication and designed a personalized tracking dashboard. • Designed and deployed a robust RESTful API with Node.js and Express.js for all data interactions.
Real-Time Chat Application (MERN + Socket.io), https://github.com/akash4550/Blink-Chat-App Tech Stack: React, Node.js, Express.js, MongoDB, Socket.io, JWT, WebSockets • Engineered and deployed a real-time chat platform using MERN stack and Socket.io for low-latency communication. • Implemented secure JWT authentication and guaranteed message persistence using MongoDB. • Integrated WebSockets for features like typing indicators and user presence status.
Task Management Website (Front-End Focused), https://github.com/akash4550/task_manager_app Tech Stack: HTML, CSS, JavaScript (ES6), Bootstrap, LocalStorage • Developed a responsive front-end task manager using HTML, CSS, and vanilla JavaScript, utilizing LocalStorage for data persistence and demonstrating proficiency in DOM manipulation.

Certifications & Involvement

Frontend Development 📄 Code First Academy-Issued: August 2024	Graphic Designer & Member ITSA Committee (Information Technology Student's Association)	C and C++ Programming 📄 Disha Computer Institute-Issued: December 2024
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