




SIDDHARTH SAHU

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 GitHub

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Career Summary

Detail-oriented Full-Stack Developer with expertise in the MERN stack, focusing on developing secure and scalable web applications. Proficient in front-end and back-end development, with extensive experience in implementing JWT-based authentication, API integration, and database management.

Education

Siksha 'O' Anusandhan University (ITER)
Bachelor of Technology – Computer Science and Engineering, CGPA 8.18

Nov 2021 – Aug 2025
Bhubaneswar, Odisha

Technical Skills

Languages: Java, Python, JavaScript (ES6+)
Frontend: React (Hooks, Redux), Tailwind CSS, HTML5, CSS
Backend: Node.js, Express.js, RESTful APIs, JWT
Databases: MongoDB, MySQL
DevOps/Tools: Git, GitHub, Vercel, Postman
Machine Learning: Scikit-learn, Pandas, Numpy, Data Wrangling

Projects

Secure E-Commerce Platform with JWT Authentication | *React, Node.js, Express.js, MongoDB*

- Developed a secure e-commerce platform using React, Node.js, Express.js, and MongoDB, ensuring a responsive and user-friendly interface.
- Implemented JWT-based authentication for secure user login and session management, enhancing the security of user data.
- Integrated bcrypt for password encryption, ensuring the safe storage of user credentials.
- Optimized the application for performance, achieving a 20% reduction in page load times.
- Live Link:** siddstore.vercel.app

User Authentication System | *Express.js, JWT, Bcrypt, Tailwind CSS*

- Built a secure user authentication system using Express.js, incorporating JWT for session management and Bcrypt for password encryption.
- Reduced unauthorized login attempts by 15% through robust security practices and responsive UI.
- Designed the frontend using Tailwind CSS, ensuring mobile-first design.

Heart Disease Detection Model | *Python, Scikit-learn, Machine Learning*

- Developed a heart disease prediction model using Random Forest, achieving 82% accuracy in prediction.
- Preprocessed data using Pandas and Numpy for feature engineering and model training.
- Visualized key insights and model performance with Matplotlib, allowing better interpretation of results.

Certifications and Achievements

Completed 100+ Data Structures and Algorithms Problems – LeetCode Profile
Certified Full-Stack Web Development – Udemy