

ATUL KUMAR SUTHAR

STUDENT

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ABOUT ME

Passionate Computer Science student skilled in MERN, PostgreSQL, and DevOps. Experienced in cloud computing (Azure), machine learning, and scalable application development. Actively engage in hackathons and open-source projects to enhance expertise and solve real-world challenges.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, HTML, CSS

Web Development: React.js, Node.js, Express.js, Redux, REST API, EJS

Databases: MongoDB, PostgreSQL, SQL, PL/SQL

Cloud & DevOps: Microsoft Azure, Firebase, Git, CI/CD, Docker, Kubernetes

Tools & Platforms: Postman, Selenium, Microsoft Power BI, OpenAI

Machine Learning & AI: NLP, TensorFlow, Scikit-learn, Flask

PROJECTS

E-Commerce Store (MERN, Redux, PayPal API, JWT Authentication)

- Developed a full-stack e-commerce platform using MongoDB, Express.js, React.js, and Node.js.
- Integrated Redux for state management and PayPal API for secure transactions.
- Implemented JWT-based authentication and optimized performance for a seamless user experience.

React Chat Application (React, Firebase, Azure, Tailwind CSS)

- Built a real-time chat application using React and Firebase for database and authentication.
- Deployed on Azure with scalability considerations for smooth user interactions.
- Designed an intuitive UI with Tailwind CSS for a modern and responsive experience.

Twitter Trending Topics Scraper (Python, Selenium, Flask, MongoDB)

- Automated trending topic extraction using Python, Selenium, and Flask.
- Improved data retrieval efficiency for real-time tracking of popular discussions.
- Enhanced sentiment analysis capabilities by structuring extracted data.

TO-DO App (PostgreSQL, Node.js, Express.js, EJS, JavaScript)

- Created a task management system with PostgreSQL for data persistence.
- Implemented CRUD operations using Node.js, Express.js, and EJS for templating.
- Designed a user-friendly interface with efficient task organization features.

Financial Chatbot (Python, NLP, OpenAI API, Deeplake, Slack API, Flask)

- Developed an AI-driven chatbot for Slack using NLP and OpenAI API.
- Integrated with Deeplake for document processing and financial data analysis.
- Enabled real-time insights and intelligent financial conversations through Slack.

EDUCATION

2021 - Present	B.Tech in Computer Science and Engineering Jain University, Bengaluru CGPA: 8.4
2020 - 2021	12th Science Math's RBSE Govt Sr Sec School, Rajasthan 84.60%

WORK EXPERIENCE

YBI Foundation | Data Science and Machine Learning Intern (July 2023 - Aug 2023)

- Engineered sales prediction models using regression analysis and neural networks, achieving 95%+ accuracy.
- Developed solutions for Big Sales Prediction and Financial Market Sentiment Analysis using AI & ML techniques.

CERTIFICATIONS

- Full-Stack Web Development - **Udemy**
- Microsoft Azure Cloud Services - **Coursera**
- TypeScript Tutorial - **Coursera**