Atul Suthar

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PORTFOLIO | GITHUB | LINKEDIN | HACKERRANK

EDUCATION

JAIN DEEMED-TO-BE UNIVERSITY   July 2021 - Present
COMPUTER SCIENCE AND ENGINEERING B.TECH
CGPA: 8.4

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 **AI & ML-based solutions** for **Big Sales Prediction** and **Financial Market Sentiment Analysis**.
- Applied **advanced machine learning techniques** to analyze large datasets and generate actionable insights.

SKILLS

PROGRAMMING LANGUAGES	Java, Python, JavaScript, TypeScript, HTML, CSS
LIBRARIES/FRAMEWORKS	React.js, Next.js, Node.js, Express.js, Redux, REST API's, EJS
TOOLS / PLATFORMS	Git, VS Code, Microsoft Azure, Kubernetes, Docker, Firebase, CI/CD, Postman, Selenium, Microsoft Power BI, OpenAI
DATABASES	SQL, MongoDB, PostgreSQL, PL/SQL

PROJECTS / OPEN-SOURCE

E-COMMERCE STORE | LINK   MERN, Redux, PayPal API, JWT Authentication

- Built a full-stack **e-commerce platform** handling **10,000+ transactions/month**.
- Implemented **JWT authentication** and **PayPal API integration** for secure payments.
- Optimized backend performance, improving checkout speed by **30%**.
- Added **role-based access control (RBAC)** to enhance security.

REACT CHAT APPLICATION | LINK   React.js, Firebase, Azure, Tailwind CSS

- Developed a **real-time chat application** with **multi-user support**.
- Hosted on **Azure**, ensuring **scalability** and low-latency messaging.
- Designed a **modern UI with Tailwind CSS** for better UX.

TWITTER TRENDING TOPICS SCRAPER | LINK   Python, Selenium, Flask, MongoDB

- Automated **real-time trending topic extraction** from Twitter.
- Improved **data retrieval efficiency by 40%**.
- Enhanced **sentiment analysis** for social media insights.

AI-POWERED FINANCIAL CHATBOT | LINK   Python, NLP, OpenAI API, Deeplake, Slack API, Flask

- Built an **AI-driven financial chatbot** integrated with Slack.
- Reduced **response time by 50%** using **NLP** and **OpenAI API**.
- Used **Deeplake for document processing** and **real-time financial insights**.

TO-DO APPLICATION | Lɪɴᴋ   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**.

CERTIFICATIONS

- Full-Stack Web Development - Uᴅᴇᴍʏ
- Microsoft Azure Cloud Services - Cᴏᴜʀsᴇʀᴀ
- TypeScript Tutorial - Cᴏᴜʀsᴇʀᴀ