

Hardika Tandel

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Summary

An enthusiastic and analytical Information Technology student skilled in both software development and data analytics. Experienced in building full-stack applications leveraging technologies like ReactJS, MongoDB Node.js. Passionate about transforming raw data into actionable insights, improving operational efficiency, and contributing to business decision-making through analysis and visualization.

Experience

Intern — Centre for Development of Advanced Computing (CDAC) May 2025 – Present
Pune, India

- Contributed to a full-stack management web application using React.js, Node.js, and MongoDB.
- Engineered secure user authentication and comprehensive CRUD functionalities, enhancing administrative efficiency.
- Collaborated effectively in an agile development environment, integrating multiple RESTful APIs for seamless data flow.

Education

Bharati Vidyapeeth College of Engineering, Pune 2022 – 2026 (Present)
B. Tech (Information Technology) | CGPA: 8.71

K.C. College 2020 – 2022
HSC [PCM (Comp Sci.)] | Percentage: 79.83

Technical Skills

Front-End: JavaScript, React.js, HTML5, CSS3, Tailwind CSS
Back-End: Node.js, Express.js
Databases: MongoDB, SQL, Firebase (Firestore)
Tools & Platforms: Git, GitHub, Power BI
Core Concepts: Data Warehouse , Data mining, Data Structures, DBMS, Computer Networking, Business Intelligence

Projects

TripCraft — AI Travel Planner *Live Demo* *ReactJS, Firebase, Gemini AI, Context API, Tailwind CSS*

- Developed a dynamic, AI-powered travel planner utilizing Gemini AI to generate personalized itineraries.
- Architected a responsive UI with React.js and managed global application state using the Context API.
- Leveraged Firestore for real-time database management and asynchronous data fetching to provide dynamic suggestions.
- Implemented Google OAuth for secure authentication and integrated features for PDF export and email sharing.

Uber Trip Analytics Dashboard *Power BI, Excel, DAX*

- Built an interactive analytics dashboard to visualize Uber trip performance metrics and demand trends.
- Created KPIs and time-based analysis to identify patterns in revenue, distance, and trip frequency.
- Applied advanced DAX formulas and data modeling for forecasting and business intelligence reporting.

Daily News Web App *GitHub* *ReactJS, Tailwind CSS, NER, MongoDB*

- Constructed a responsive news aggregation platform that fetches and displays global news by consuming third-party RESTful APIs.
- Integrated a Hugging Face NER model via its API to perform asynchronous data analysis, extracting and highlighting key topics.
- Employed modern front-end development practices, focusing on modular code design and secure API key management.

Certifications

- React.js Developer Certification - (Meta, Coursera)
- Python in Data Science, AI Development - (IBM)
- DBMS, Cloud Computing- (NPTEL)