

# Akash Dubey

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## EDUCATION

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### Rajkiya Engineering College Ambedkar Nagar

(Bachelor of Technology – Information Technology CGPA: 7.8)

Ambedkar Nagar , India  
Aug 2020 - June 2024

## TECHNICAL SKILLS

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**Programming Languages:** C++, SQL

**Web Technologies:** HTML, CSS, Javascript, NodeJs

**Frameworks/Library:** ReactJs, Express, Mongoose, Tailwind

**Databases:** MongoDB, MySQL, Firebase

**Strongest Areas:** Data Structure and Algorithm

## INTERNSHIPS

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### AbilitaEdge ( Full Stack Intern )

Oct,24 - Present

Working on the EdTech platform of the company .

### 10x Academy ( DSA and Full Stack Mentor )

Jan,24 - June,24

In this, we have to take day-to-day 1-1 sessions or group sessions by solving the doubts of students on different technologies such as ReactJs, NodeJS, etc.

## PROJECTS

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### Stock Market Price Prediction:

Developed a machine learning-driven stock market prediction system utilizing **Python, pandas, and NumPy** to process and analyze more than **5 years** of historical stock data, ensuring precise and reliable forecasting.

Applied advanced **time-series forecasting models** (ARIMA, LSTM) and **regression techniques**.

Published a conference paper at an **IEEE international conference**, showcasing the results and model validation through performance metrics such as RMSE and MSE.

**Tech Stack - python, LSTM, GRU, BERT Model, [Link](#)**

### E-commerce webApp:

Engineered the frontend with **React.js**, incorporating **react-redux for state management**, Material UI for a modern design, and react-router for seamless navigation.

Leveraged react-multi-carousel to optimize user experience, resulting in a 20% surge in page views and improved engagement on the platform.

Backend proficiency in **Node.js and MongoDB Atlas for a 40% faster** server response during deployment.

Spearheaded the seamless integration of **Razorpay payment gateway**, enhancing online transaction security and efficiency, resulting in a 30% decrease in payment processing errors and a 25% increase in customer satisfaction ratings.

**Tech Stack- React.js, Node.js, MongoDB, Razorpay, Redux. [Link](#)**

### ChatApp:

Spearheaded the introduction of features like **Real-Time Messaging**, User Profiles, group chatting, file sharing, and message history, resulting in a 40% increase in user engagement. It's scalable and has a responsive UI.

Orchestrated seamless backend operations with Firebase **optimizing authentication, authorization**, and real-time messaging for heightened efficiency and user engagement.

**Tech Stack- ReactJs, NodeJs, Firebase. [Link](#)**

## ACHIEVEMENTS

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Leetcode Top 51.18% [Profile](#)

Publish Article at GFG - [Profile](#)

Solved 1000+ problems

Max – 1514 rating on CodeChef

Global rank 990 in Starters 94 Division 3(Rated)

HackerRank Frontend Developer(React) [Certified](#)

## CERTIFICATIONS

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HarvardX Excercising Leadership: [Certificate](#)

Ethical Hacker: [Certificate](#)