

OMKAR DESHMUKH

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SUMMARY

Motivated Computer Science Engineering student with experience in data analysis, business analysis, and web & mobile app development. Adept at working with Excel, SQL, Python, Firebase, React Native, and Expo to deliver innovative technical solutions. Seeking to apply my analytical and technical skills to contribute to transformative digital solutions.

WORK EXPERIENCE

Data Science Intern | Stellar MoldTech

Jan 2025 - Present

- Conducting exploratory data analysis (EDA) and deriving business insights from company data.
- Developing machine learning models to optimize business processes.
- Working with SpreadSheets, Python, and Google Looker Studio for data visualization and reporting.

Business Analyst Intern | Kulturehire

Oct 2024 - Nov 2024

- Collaborated with teams to optimize processes and prepared reports to support strategic planning.

Data Analyst Intern | Kulturehire

Aug 2024 - Sep 2024

- Conducted data cleaning, analysis, and visualization using SQL and EXCEL to deliver actionable insights.

Web & App Developer | Client Business Website

Aug 2024 - Dec 2024

- Designed and implemented the frontend of a customer website using React and Tailwind CSS.
- Built and maintained admin and customer-facing web applications using React and Firebase.
- Tested and debugged web applications, leading to a 15% increase in website responsiveness.

PROJECT EXPERIENCE

CipherChat – Encrypted Messaging App

- Developed a secure, encrypted chat application using React Native, Firebase, and Expo.
- Implemented end-to-end encryption for private and secure messaging.
- Focused on a clean UI and real-time messaging to enhance user experience.

RentEx – Tenant Management Application

- Built a custom tenant management app to automate rent and bill tracking for my family.
- Solved the problem of complex Play Store apps by designing a simple & intuitive UI.
- Features include tenant account creation, automatic bill calculation, meter reading with images, and real-time tracking.
- Developed using React Native, Firebase Firestore, and Expo.

Various Data Science & Analysis Projects

- American Express Data Analysis, Sales Analysis, COVID Data Analysis, and more.
- Conducted data cleaning, visualization, predictive modeling, and machine learning using Python, SQL, and Power BI.

AI-Powered YouTube Shorts Generator

- Built an AI-driven tool to automate short video creation from script to final output.
- Integrated Google AI Studio for script generation, ElevenLabs for TTS, Microsoft Designer (Python) for AI images, and AssemblyAI for captions.
- Used Remotion to compile assets into a video and Firebase for data storage.
- Developed with Next.js, Firebase, and Python, optimizing AI-based content creation.

LEADERSHIP EXPERIENCE

Vice President, College Department

- Led initiatives and projects to improve activities.
- Managed teams and delegated tasks to meet departmental goals.

SKILLS

Technical Skills:

- Programming: Python, SQL
- Web & Mobile Development: React Native, React.js, Firebase, Expo, Tailwind CSS
- Data Science & Analysis: Machine Learning, MySQL, Power BI, Excel, Pandas, NumPy, Scikit-learn

Soft Skills:

Interpersonal & Communication | Management | Quick Learner | Analytical & Leadership Skills

EDUCATION

- B-Tech CSE, MIT (Chh. Sambhajinagar): **8.65 CGPA** (2021-2024)
- H.S.C from Maharashtra Board: **88%** (2020-21)
- S.S.C from Maharashtra Board: **77%** (2018-19)

CERTIFICATIONS

Red Hat Certified System Administrator	Advance Python Workshop	STTP on POWER BI
Various Event Organized Certificates	Microsoft Excel from Udemy	Hacker Rank SQL
Data Analytics with Power BI and ChatGPT	Simplilearn Data Analytics	SQL for Data Science