

Jay Dixit

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CAREER OBJECTIVE

To pursue a progressive career in a dynamic and collaborative environment, where I can apply my skills to contribute effectively while enhancing my knowledge and growing through continuous learning and innovation.

SKILLS

Programming Languages: Python, SQL, HTML, C, Java

Frameworks & Libraries: seaborn, Matplotlib, Django, NumPy, React

Databases: Firebase, MongoDB, MySQL

Tools: Android studio, Git/Github, Figma, Docker, VS code, Npm

Core Concepts: Data Structure and Algorithm(DSA), Object-Oriented Programming(OOP), Design Patterns

EXPERIENCE

Software Development Intern – Jawarharlal Nehru Port Authority

Sheva, Navi Mumbai | Jun 2024 – Jul 2024

- Built the frontend and optimized CRUD operations, filters, and views to streamline administration and centralize records using SQLite models.
- Developed a full-stack complaint management system with digital complaint intake, tracking, and automated PDF reporting, leveraging Claude AI for code optimization, enhancing data accuracy and reporting speed.

PROJECTS

EduLab Application

- Engineered a full-stack Android application by integrating Jitsi Meet and JDoodle APIs for unified conferencing and code compilation.
- Implemented an AI chatbot for instant programming assistance, significantly reducing instructor dependency and accelerating the resolution of student queries and doubt support.

Music Player

- Developed a user-friendly music player GUI in Python, prioritizing intuitive design for simplified playback and visual user feedback. Utilized the OS library to implement robust directory selection and file management features.

Telco Churn Risk Dashboard

- Built and deployed a churn-prediction model with an interactive dashboard that estimates customer churn probability and shows retention recommendations in real time.
- Live demo : <https://telco-churn-prediction1234.streamlit.app/>

EDUCATION

Pillai HOC College of Engineering and Technology, Rasayani

2025 Present

BE (Bachelor of Engineering) in Electronics and computer science
with 8 CGPA Minor's degree - Data Science

CERTIFICATIONS

Hack To Crack 2.0 National Level Hackathon – VIMEET Runner up

Mar 2025

SQL – SimpliLearn

Sep 2025

Python for Data Science – IBM

Apr 2024

Data visualisation - Empowering business with effective insights – Forage (Tata)

Jun 2025

Power BI – SimpliLearn

Sep 2025

PHP and MySQL – EduPyramids

Oct 2025