

# Jay Dixit

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## CAREER OBJECTIVE

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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

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**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

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### Software Development Intern – Jawaharlal 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

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### 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

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### 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

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### 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