



NEHAL KADAM

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PROFILE

Motivated Full Stack Developer with problem-solving skills, adaptability, and a passion for learning. Eager to tackle challenges, contribute to innovative solutions, and grow in a dynamic environment.

SKILLS

Languages: HTML, CSS, Java, Python, SQL , React.js , Javascript

Technologies: Java OOPS, Cloud Computing, Power BI

Soft Skills: Decision making, Time management, Leadership, Problem Solving, Communication

EXPERIENCE

Software Engineer Intern | MerkeBits

Aug 2024 – Jan2025

- Developing an OCR-based app that digitizes **100+ documents daily** in **5+ regional languages** using **React.js, MongoDB, JavaScript, CNN, OCR models, HTML, CSS, and Python**.
- Optimized document processing speed by **30%** through CNN model improvements.
- Collaborated with a team of **4 engineers** to enhance **accuracy by 20%**.

Android Development Intern | CodeClause

July 2024 - Aug 2024

- Developed a **Password Manager app** in **Android Studio & Kotlin**, improving security for **100+ users**.
- Implemented **Biometric & Face Recognition**, reducing unauthorized access by **40%**.
- Enhanced UI/UX for seamless user experience, leading to **10% faster login times**.

EDUCATION

St. Francis Institute of Technology

2021 – 2025

B.E. Computer Engineering | CGPA: 8.8/10

PROJECTS

Small Business Finder | Python, HTML, CSS, Django, Mongoddb

Dec 2022 – Mar 2023

- Built a web app **helping 100+ small businesses** improve visibility by **30%**.
- Implemented location-based search, enhancing user engagement by **40%**.

Pharmacy Management System | Python, SQLite3, Tkinter GUI

May 2023 – Dec 2023

- Designed a system managing **500+ medicines**, reducing billing errors by **25%**.
- Automated inventory tracking, improving operational efficiency by **35%**.

Real-Time Semantic Segmentation Web App | JavaScript, Python, React.js, Flask, Django

Oct 2024 – Dec 2024

- Achieved **90%+ segmentation accuracy** on WMS images using **TensorFlow.js, PyTorch, Leaflet.js, AWS, on-device GPUs & NPUs**, reducing processing time by **40%**.
- Enabled **real-time on-device processing**, reducing dependency on cloud computing.

CERTIFICATIONS & ACHIEVEMENTS

- Java Programming & Software Engineering Fundamentals | Coursera Nov 2024
- Python Fundamentals | Analytics Vidhya May 2023
- Java Programming : OOPS | Scaler Aug 2023
- SIH 2024 Finalist (ISRO Software Edition)** - Led a team in developing an **on-device semantic segmentation model** for **WMS services using geospatial data**, optimizing real-time image analysis.