MOKSH UPADHYAY

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EDUCATION

Centre For Development Of Advanced Computing (GGSIPU)   **2022 − 2024**
*Master of Computer Applications - **CGPA** - 7.8*   *Delhi, India*

SGTBIMIT (GGSIPU)   **2019 − 2022**
*Bachelor of Computer Applications - **CGPA** - 8.5*   *Delhi, India*

TECHNICAL SKILLS

- **Backend (Primary):** Java (Core 8+), Spring Boot, Spring MVC, REST APIs, PostgreSQL
- **Web Development:** ReactJS, HTML, CSS, JavaScript, Django
- **Android / Mobile:** Flutter, Kotlin
- **Machine Learning Exposure:** Tesseract OCR Training, YOLO Dataset Preparation, OpenCV, Python

EXPERIENCE

Via (Ebix Technologies) — Software Development Engineer   **Jul 2024 − Present**
Noida, India

- Resolved 100+ production defects in **Atlas** and **FlightRoutes24**, improving system stability by **15%**.
- Optimized **FlightRoutes24 REST APIs**, reducing response time by **25%** and errors by **20%**.
- Integrated **DST Searcher** and third-party hotel APIs (**HotelBeds**, **Paximum**) to enhance booking workflows.
- **Tech Stack:** Java 8+, Spring Boot, REST APIs, MySQL, PostgreSQL, Git

CDAC Noida– Internship   **Feb 2024 − Jun 2024**
Noida, India

- Fine-tuned **Tesseract OCR** for aged Hindi documents, improving degraded text recognition.
- Built utilities to clean and normalize data (blur, noise, ink fading).
- Created labeled datasets to train a **YOLO model for signature verification** (object detection).
- **Tech Stack:** Python, Tesseract OCR, YOLO, OpenCV

Tech Access Learning Pvt. Ltd.– Summer Training   **May 2021 − June 2021**
Delhi, India

- Developed strong skills and hands-on experience in Python programming and Django development.
- Contributed effectively to the development of the **X-Com e-commerce website** using the Django framework.
- **Tech Stack:** Html, Css, Javscript, Django

PROJECTS

PET CARE AND AID | ANDROID PROJECT   — See Project

- **Pet Care and Aid** is a comprehensive Flutter app for pet owners with a user-friendly interface and valuable features.
- Enhanced user engagement by implementing tailored features, strengthening the bond between pet owners and their animals.
- Developed and integrated e-commerce and payment functionality.
- **Tech Stack:** Figma, Flutter, Firebase

BIZZARE ONLINE STORE | WEB DEV PROJECT   — See Project

- Developed an e-commerce platform with a diverse collection of curated clothing, footwear, and more.
- Improved user experience by enhancing the user interface.
- Successfully integrated a secure payment system to facilitate seamless transactions.
- **Tech Stack:** Django, Javascript, HTML, CSS

TEXT WIZARD | WEB DEV PROJECT   — See Project

- Created the "TextWizard" website using ReactJS functional components for text manipulation.
- Implemented intuitive features for seamless text manipulation.
- Demonstrated strong ReactJS and functional programming skills.
- **Tech Stack:** React, HTML, CSS