

Nishant Khandhar

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TECHNICAL SKILLS

Languages: Python, Dart, Java, C++, JavaScript

Frontend and Frameworks: ReactJS, Flutter, HTML, CSS, Bootstrap, JSP, Servlet, Full Stack development, Web Development.

Backend: NodeJS, ExpressJS, Django, Flask, PHP, Firebase

Database: SQL, MySQL, PostgreSQL, SQLite3, MongoDB, NoSQL, ElasticSearch

Developer Tools: Github, Visual Studio, Atom, PyCharm, IntelliJ, Eclipse, Android Studio, Jupyter Notebook, Postman

Libraries: Pandas, NumPy, Matplotlib, OpenCV, TensorFlow, sklearn, os, autogen, openAI

EXPERIENCE

Software Developer Intern - Android Developer

Feb 2023 – Mar 2023

Visanka Technologies

Chennai, India

- Developed an **Android-based (JAVA)** Job Portal App simplifying job searches for seekers, while assisting employers in managing applications and optimizing the hiring process.
- Developed features like Job Applications, Management, and User Authentication.
- Tech Stack:** Java, MySQL, XMAPP, Firebase, PHP, Android Studio, Github

Software Developer Intern - Web Developer

Jun 2021 – Aug 2021

The Sparks Foundation

Pune, India

- Developed an online banking system using **Flask** that enables account-to-account money transfer and keeps detailed transaction records to improve financial monitoring.
- Tech Stack:** Python, Flask, SQLite3, Pycharm, HTML, CSS

PROJECTS

Health Care AI Assistant

Sept 2024 – Nov 2024

- Developed an AI-powered healthcare assistant that enables users to describe symptoms and receive personalized medical suggestions **using OpenAI's LLM through AutoGen** that analyses symptoms, retrieve relevant medicines, and provide a non-panic-inducing summary.
- Integrated a Conversational User Bot to guide customers to classify order statuses (Refund, Return, or Escalate to Human) with 90% accuracy, leveraging order IDs, payment details.
- Implemented **GPT-based decision-making logic** using OCR-processed receipts to automate the detection of fraudulent transactions with 70% accuracy, enabling precise classifications like Refund, Decline, or Escalate.
- Tech Stack:** Flutter, Dart, FastAPI, Uvicorn, AutoGen, Open AI, XML, Python, RESTful API, PostgreSQL, Chroma DB, Python, MongoDB, Flask.

Car Damage Detection

Aug 2023 – Mar 2024

- Developed an end-to-end web app leveraging **Computer Vision** for precise vehicle damage detection and assessment with 90% accuracy.
- Trained a **Convolutional Neural Network (CNN)** on annotated vehicle images to predict damage severity.
- Tech Stack:** Python, Pandas, Django, OpenCV, TensorFlow, Keras, Jupyter Notebook, HTML, CSS.

Covid Statistics Analyzer

Apr 2021 – Jul 2021

- Created a **Power BI dashboard** to visualize live COVID-19 metrics country-wise, state-wise, and city-wise.
- Integrated APIs to gather and parse data using Python, enhancing data accuracy by 50%.
- Visualized key features such as recovery rate, mortality rate, and critical case statistics for over 1,000 stakeholders.
- Tech Stack:** Python, Power BI, API Integration.

Online Code Editor

Jul 2024 – Aug 2024

- Designed a responsive, user-friendly online code editor for real-time code writing, editing, and previewing.
- Enabled seamless cross-device functionality with features like syntax highlighting and live preview.
- Tech Stack:** React, Bootstrap, CodeMirror, JavaScript, HTML, CSS.

EDUCATION

Illinois Institute of Technology

Chicago, IL

Master of Computer Science — **GPA: 4.00**

May 2026

- Top Courses: Enterprise Web Application, Machine Learning, Software Systems Architecture, Software Modeling Development using UML, Mobile Application Development

RESEARCH PUBLICATIONS

Car Damage Detection Using Computer Vision

Journal of Emerging Technologies and Innovative Research (JETIR), Volume 10, Issue 11, 2023.

COMMUNITY & LEADERSHIP

Android Developer Lead

2022 – 2023

Google Developer Student Clubs (GDSC)

Pune, India

- Led a team of 50 students in creating innovative mobile applications. Organized and conducted seminars on Android development best practices and emerging technologies.