

Nishant Khandhar

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Technical Skills

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

Frontend and Frameworks: ReactJS, AngularJS, Flutter, HTML, CSS, Bootstrap, JSP, Json, YAML, MVC, Servlet

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

Database: SQL, MySQL, PostgreSQL, SQLite3, MongoDB, NoSQL, Elasticsearch, Oracle

Developer Tools: Github, Docker, Visual Studio, Jupyter Notebook, Postman, Visio, Microsoft Office, Operating Systems

Libraries: Pandas, NumPy, Matplotlib, OpenCV, TensorFlow, sklearn, os, autogen, OpenAI, Pytorch

Other: Full Stack development, Web development, Mobile Application Development, Data Science, Deep Learning

Experience

Software Developer Intern - Full Stack Developer

Present

Find Me LLC

Charlotte, NC (Remote)

- Built a secure matrimonial portfolio with 6+ user-specific pages, using JWT authentication to control access based on userID and added Joi validations for input security across all routes.
- Designed and implemented backend API endpoints, including comprehensive unit tests, ensuring reliability and modularity in development.
- Tech Stack:** React, Node.js, MongoDB, Express.js, REST APIs, GitLab, Joi

Software Developer Intern - Android Developer

Feb 2023 – Mar 2023

Visanka Technologies

Remote

- Developed an **Android-based (JAVA)** Job Portal App simplifying job searches for seekers, while assisting employers in managing applications and optimizing the hiring process.
- Added features like Applications, Management, and User Authentication, resulting in a 40% improvement in user engagement.
- Tech Stack:** Java, MySQL, XMAPP, Firebase, PHP, Android Studio, Github

Projects

Health Care AI Assistant

Sept 2024 – Nov 2024

- Engineered 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.
- Designed a Conversational Bot with **GPT-based logic** to classify order issues (Refund, Return, Escalate) with 90% accuracy, using order IDs, payment data, and OCR-processed receipts to detect fraud and automate decisions like Refund, Decline, or Escalate with 70% accuracy.
- 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

- Established an end-to-end web app leveraging **Computer Vision** for precise vehicle damage detection and assessment with 90% accuracy.
- Trained a **Convolutional Neural Network** on annotated vehicle images to predict damage severity with accuracy of 70%.
- Tech Stack:** Python, Pandas, Django, OpenCV, TensorFlow, Keras, Jupyter Notebook, HTML, CSS.

SunWise

Apr 2025 – Jul 2025

- Built an AI-powered Solar Potential Visualizer to predict solar irradiance and segment rooftops from satellite images with 87% accuracy.
- Integrated **Google Maps API** to auto-detect user location and render dynamic rooftop polygons for real-time solar forecasts across 40,000+ ZIP codes, and created interactive, responsive dashboards to visualize ROI, carbon offset, and energy savings.
- Tech Stack:** React, Flask, scikit-learn, Python, PyTorch, Recharts, Google Maps API

Education

Illinois Institute of Technology

Chicago, IL

Master of Computer Science — GPA: 3.83

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.