

# NANDISHWAR BHOJANAPU

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Hyderabad, India 502032

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## Personal Summary

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Aspired Software Engineer with expertise in Python, Java, and C++. Skilled in OS concepts, problem-solving, and debugging. Experienced in Java development, advanced Java, and SQL. Strong personal skills in time management, adaptability, and working in agile environments to deliver high-quality solutions.

## Skills

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- **Programming Languages:** Python, Java, C++
- **Machine Learning & AI:** Deep Learning, Neural Networks, NLP, Computer Vision, Transfer Learning
- **Modeling Techniques:** CNNs, RNNs, ResNet, DenseNet, BERT, GPT
- **Frameworks & Tools:** TensorFlow, Keras, Scikit-learn, OpenCV
- **Soft Skills:** Analytical Thinking, Time Management, Adaptive team player
- **Operating Systems & DBMS :** Linux & MySQL

## Experience

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### Machine Learning Intern

June 2024 to August 2024

**Feynn Labs** — Hyderabad, India

- Developed AI product prototypes for small businesses, focusing on abstract design and strategic implementation.
- Analyzed the Indian electric vehicle (EV) market using segmentation techniques and machine learning models to create a strategic market entry plan.
- Designed financial models to forecast market trends, providing actionable insights for product development and business growth.

## Education

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**Bachelor of Science : Computer Science And Engineering (Hons)**, June 2024

**Lovely Professional University** — Jalandhar, Punjab

GPA: 7.71

## Projects

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**Diabetic Retinopathy Detection, Machine Learning , Capstone Project, Published Research Paper: (2024)**

- Developed a deep learning model to detect diabetic retinopathy from fundus images using transfer learning.
- Compared ResNet50, DenseNet201, and AlexNet to optimize performance.
- Utilized the DiaretDB1 dataset for accurate diagnosis and improved early detection.

**Task Manager and Reminder System – Advanced Java Project (2024)**

Developed a Java-based task manager with a GUI interface using Swing and JDBC for database integration.

- Implemented task tracking, scheduling, and reminders for various applications (browsers, Microsoft Office, file explorer, etc.).
- Utilized Oracle SQL to store scheduled tasks and retrieve historical data.
- Enabled automated execution of scheduled tasks, enhancing productivity and time management.
- Integrated real-time process monitoring to detect active applications and display them dynamically.