

PARAS SANJAY NINGUNE

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PROFESSIONAL EXPERIENCE

NovaNectar Services Pvt Ltd

Jan 2025 – Ongoing

Artificial Intelligence Intern

- Built a Convolutional Neural Network (CNN) model for image classification using frameworks like TensorFlow and Keras.
- Preprocessed image datasets by resizing, normalizing, and applying **data augmentation techniques** to improve model generalization.
- Designed and implemented a multi-layer CNN architecture with **Convolutional, Pooling, Dense, and Dropout layers** for feature extraction and classification.
- Trained the model using the **Adam optimizer** and evaluated performance with metrics such as **accuracy** and **loss** on validation datasets.
- Conducted rigorous testing using **confusion matrices** and **classification reports** to ensure model accuracy and reliability.
- Collaborated with cross-functional teams to align the project with user requirements and ensure seamless integration into the larger AI workflow.

EDUCATION

PUNE VIDYARTHI GRIHA'S COLLEGE OF ENGINEERING AND TECHNOLOGY

Pune, Maharashtra

Bachelor of Engineering (BE) in Information Technology

Currently in 3rd Year

SKILLS

- **Programming Languages:** C, C++, Java, JavaScript, Python, HTML/CSS
- **Version Control:** Git
- **Databases:** MySQL, SQLite, MongoDB
- **Frameworks and Libraries:** ReactJS, Django, Flask, NodeJS, React-Native
- **ML/DL Libraries :** Scikit-learn, Matplotlib, NumPy, Pandas, Seaborn, TensorFlow, Keras
- **IDE & Tools:** Eclipse, Visual Studio, Jupyter Notebook
- **Concepts:** Data Structures (DS), Algorithms, System Design

PROJECTS

House Price Predictor | Machine Learning

Oct 2024

- Technology: Python, Sklearn, React.js, Chakra.ui, Flask
- Description: A house price predictor estimates property values using machine learning, offering users accurate predictions for better decision-making.
- Implemented accurate design making capability to predict the price of a property based on the available amenities.

Netflix Clone | Web Application

Aug 2024

- Technology: React.js, Node.js, Express.js, MongoDB, Firebase, RESTful API
- Description: A Netflix-like video streaming application with user authentication, video playback and personalised recommendations.
- Implemented a web application where users can create their

FitChronicle | Mobile Application

Jan 2025

- Technology: React Native, MongoDB
- Description:
- Implemented CRUD operations to enable users to record and manage their gym progress, providing detailed insights compared to simple notepad entries.

Expense Tracker | Web Application

Nov 2024

- Technology: React.js, Node.js, Express.js, Firebase, Chakra.ui, chart.js
- Description: An website which helps users manage income and expenses with secure authentication, transaction making, insightful graphs for better finance control.
- Implemented CRUD operations to enable users to record and manage their income and expenses, providing detailed insights compared to simple notepad entries.