NIKHIL PARASU

CSE VIT CHENNAI 2024

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An undergraduate student at VIT Chennai, pursuing a B.Tech in CSE. Proficient in Java, I have a strong passion for problem-solving and a keen interest in machine learning and deep learning. With hands-on experience in various projects, I am constantly expanding my knowledge and skills in the field. My goal is to contribute to the ever-evolving world of technology and make a positive impact through continuous learning and growth. **My Personal Portfolio - click here**

EXPERIENCE

Salesforce Developer Externship
SmartInternz

📅 May 2023 – July 2023 📍 Online

- Mastered Salesforce platform functionalities, including navigation, data modeling, customization, security, automation, reporting, and integration.
- Developed a custom recruitment application with custom objects, relationships, and fields.
- Implemented user profiles, permission sets, and validation rules for data integrity and security.
- Utilized Apex triggers and batch processes for automating complex business logic.
- Configured reports and dashboards for real-time insights into the recruitment pipeline.

EDUCATION

B.Tech in Computer Science & Engineering
Vellore Institute Of Technology Chennai

📅 VITC-2024 📍 CGPA: 8.51

- **Specialization in Artificial Intelligence & Machine Learning**

Senior Secondary Examination BIEAP - Class XII
FIITJEE Vijayawada

📅 BIEAP-2020 📍 CGPA: 9.57%

Higher Secondary Examination BSEAP - Class X
KKR Gowtham School Nellore

📅 BSEAP-2018 📍 CGPA: 9.8/10

TECHNICAL SKILLS

- **Programming Languages**: Java(Competitive Programming), Python, JavaScript, C/C++ basics.
- **Data Structures & Algorithm**.
- **Object Oriented Programming & MySql**.
- **Web Design**: HTML, CSS, ReactJS (Basics).
- **M**achine Learning, Deep Learning Neural Networks.
- **S**alesforce basics.

ACHIEVEMENTS

- Solved more than 100 problems on LeetCode
- Solved more than 50 problems on HackerRank
- Solved more than 300 problems during my DSA Coding Ninjas certificate
- Won the 2nd prize in the Arjuna Awards conducted by FIITJEE during my 12th class for my presentation on the Mathematics 12th syllabus
- Actively participated in monitoring a gaming event organized by the ZBC Club in 2022

CODING PROFILE

My Leetcode profile - click here

My Hackerrank profile - click here

PROJECTS

Intelligent Plant Pathology Solution

- Developed an intelligent system for diagnosing plant diseases and suggesting remedies.
- Used image processing and deep learning models for accurate disease identification.
- Employed convolutional neural networks (CNN) and pretrained models like VGG16.
- Created a diverse dataset for training and testing the models.
- Implemented a user-friendly web application for easy plant image uploads and prompt diagnoses.
- ⌨ github link

Early Detection of Diabetic Retinopathy

- Proposed a methodology using high-resolution retina images for accurate diabetic retinopathy detection.
- Implemented preprocessing techniques and utilized CNN models like VGG16 and ResNet50.
- Demonstrated significant improvement in automated diabetic retinopathy detection through preprocessing and deep learning.
- ⌨ github link

Online Drug Store

- Developed an online drug store web app for convenient ordering and delivery of medicines.
- Implemented user registration, authentication, and admin login for efficient management of medicines.
- Provided a wide range of medicines and medical products for users to choose from.
- Streamlined the process of searching for and purchasing medicines, saving time and ensuring accessibility for users.
- ⌨ nikhil-188/OnlineDrugStore

CERTIFICATIONS

- Completed a DSA Certificate in Java from Coding Ninjas, achieving a score of more than 90
- Earned a Microsoft Azure AI 900 Certificate, demonstrating proficiency in AI technologies on the Azure platform.
- Successfully completed the "Training Neural Networks in Python" course on LinkedIn Learning, enhancing skills in neural network development and implementation.