Vansh Purohit

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EDUCATION

Shah and Anchor Kutchhi Engineering College, Mumbai, IN   *Expected 2024*
BE in Computer Engineering

Rustomjee International School and Junior College, Mumbai, IN   *February 2020*
Higher Secondary Certification

Rustomjee International School and Junior College, Mumbai, IN   *March 2018*
Secondary School Certification

TECHNOLOGY SKILLS

Programming
- Intermediate: Python, Java, C, C++, MongoDB, MySQL, SpringMVC, Rest API, Git/Github, Flask, ReactJS, DSA, HTML/CSS/JavaScript/JQuery, Machine Learning, CodeIgniter
- Familiar: Natural Language Processing, Flutter

EXPERIENCE

Backend Developer   *Aug 2022 - Sep 2022*
Dinosys Infotech Pvt Ltd, Mumbai, IN
- Learned to collaborate with other developers and writing clean and consistent code for long term support.
- Worked on a software used by IPS for data analysis.
- Developed using Python, Flask, Pandas, and NumPy.
- Continuous improvement to the project based on user needs.

Machine Learning Intern   *Dec 2021 - Feb 2022*
Knowledge Solutions India, Mumbai, IN
- Developed a machine learning model for fraud detection in transactions.
- Used Python, Pandas, NumPy, and Scikit-Learn for the project.

CO-CURRICULAR ACTIVITIES

Website Development for Annual Fest (Pratishtha)
- Developed a PHP-based website for the college's annual fest, Pratishtha.
- Utilized API MVC architecture with backend connected to Firebase data storage.
- Managed to work with a large team collaborating in different areas to constantly meet the needs of the event.

Website Development head for Technological Event (pixelsakec.in)
- Developed a website for a technical conclave held by college where successful people from various domains are invited to speak and guide students.
- Javascript, Node and MongoDB were used to build this website.

**MINI
PROJECTS**

SecurE-Share
- Secure file sharing webapp based on encryption.
- Developed using Python Flask and MongoDB.
- User can securely add and share their files with other users on the website.
- Source code: github.com/V-nsh/File-Sharing.git
- Research paper: https://ieeexplore.ieee.org/document/10063119

/aRide
- Developed a carpooling webapp for an efficient solution to fuel consumption.
- Built on python flask with mongoDB as the database.
- Users are provided the ability to select car owner or traveller as their profile and find appropriate peers.
- Source code: github.com/V-nsh/Carpool.git

/Miller Indices
- A python application that can plot miller indices over the positive plane.
- Built using python and it's libraries: turtle, tkinter.
- Plots the plane in a 3 dimensional graph.
- Source code: github.com/V-nsh/MillerIndices.git