Vishesh Sinha
Engineering Junior / Developer

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Results-driven Information Technology student, with a focus on Software Development.
Excellent problem-solving skills and ability to perform well in a team. Seeking to grow and develop my own skills as a coder.

SKILLS

Tools and Languages	Python, Java, Git Version Control, Shell Scripting, SQL, Linux, Nessus, Django
Technical Skills	Data Structures & Algorithms, Machine Learning & Deep Learning
Communication Skills	English (Professional Proficiency), Hindi (Native Speaker)

EDUCATION

Bachelor of Technology in IT and Mathematical Innovation, *Cluster Innovation Center, University of Delhi* — MAY 2023
CGPA — 8.98/10

AISSCE(Science), CBSE, *Kendriya Vidyalaya, CTPS Chandrapura, Bokaro, Jharkhand* — MAR 2018
Percent — 85.6%

CISCE, ICSE, *De Nobili School, Chandrapura, Bokaro, Jharkhand* — MAR 2016
Percent — 85.6%

ACHIEVEMENTS

Competetive Programming — 3 Star at CodeChef Rating 1695 — 300+ Questions Leetcode Contest Rating 1538	2021 — Present
Google HashCode 2021 Coding Competition — Top 10%	Spring 2022
Kaggle Machine Learning Competition — Bronze Medal	2020 — 2021
NTA Delhi University Entrance Test — All India Rank 07	Summer 2019

PROJECTS

Sign Language Detector — MAR 2022 — APRIL 2022
Sign Language Detection in Real Time for helping the specially abled to communicate virtually — *New Delhi, Delhi*

- Self made dataset by image collection and labelling using labelImg.
- Used SSD MobileNet and Tensorflow's Object Detection API & configured a pipeline using it.
- Used OpenCV for real time detection.

DevSearch-WebApp — FEB 2022 — APRIL 2022
Community Platform for Developers to showcase Projects — *New Delhi, Delhi*

- Tech Stack Used: Django, SQL, HTML & CSS.
- Used Django Model Forms to design and sqlite3 for building the database.
- Added CRUD Functionalities for the platform.
- Working on Django REST Framework to build API for accessing the voting reviews of each Project.

Pegasas Payment Gateway — SEP 2021 — DEC 2021
Point of Sale API for E-Commerce Applications — *New Delhi, Delhi*

- Developed Point of Sale (POS) API for e-commerce applications to accept payments through Cryptocurrency
- Deployed Smart-Contracts on Ethereum Network to verify and secure Transactions.
- Used Brownie (Python Development Framework for Ethereum) to deploy and test our smartcontracts on Ganache CLI, Testnets.
- Used On-Ramper API to convert Crypto Currencies to Fiat Currencies and receive payments in currency of choice.

TECHNICAL EXPERIENCE

Developer — JUN 2020 — DEC 2021
AAA Tech Services — *New Delhi, Delhi*

- Designing Databases & Configuring Server Infrastructure for Clients
- Research & Implementation on how to effectively use Data Science for improving User Experience
- Automating Tasks & Code Reviews

Research Intern — DEC 2019 — SEP 2020
MockBoard EduTech Pvt. Ltd. — *New Delhi, Delhi*

- Brainstorming Ideas for improving the products MockBoard offers
- Data Mining and Analysis for potential clients
- Market Research in our field of work Peers Analysis
- Apart from these, also worked on Managing Finance and Cost Cutting