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Vishesh Sinha

Engineering Junior / Developer

GitHub: visheshsinha
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Results-driven Information Technology student, with a focus on Cybersecurity & Data Science.
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
Technical Skills	Data Structures & Algorithms, Data Science, Vulnerability Management
Communication Skills	English (Professional Proficiency), Hindi (Native Speaker)

EDUCATION

Bachelor of Technology in IT and Mathematical Innovation , Cluster Innovation Center, University of Delhi CGPA — 8.98/10	MAY 2023
AISSCE(Science) , CBSE, Kendriya Vidyalaya, CTPS Chandrapura, Bokaro, Jharkhand Percent — 85.6%	MAR 2018
CISCE, ICSE , De Nobili School, Chandrapura, Bokaro, Jharkhand Percent — 85.6%	MAR 2016

ACHIEVEMENTS

Competitive Programming — 3 Star at CodeChef Rating 1695	2021 — Present
Kaggle Machine Learning Competition — Bronze Medal	2020 — 2021
Google HashCode 2021 Coding Competition — Top 10%	Spring 2021
NTA Delhi University Entrance Test — All India Rank 07	Summer 2019

TECHNICAL EXPERIENCE

Developer / Researcher AAA Tech Services	JUN 2020 — DEC 2021 New Delhi, Delhi
<ul style="list-style-type: none">Setting up & Configuring Server Infrastructure for ClientsResearch Implementation on how to effectively use Data Science for improving User ExperienceAutomating Tasks & Code Reviews	
Research Intern MockBoard EduTech Pvt. Ltd.	DEC 2019 — SEP 2020 New Delhi, Delhi
<ul style="list-style-type: none">Brainstorming Ideas for improving our the products MockBoard offersData Mining and Analysis for potential clientsMarket Research in our field of work Peers AnalysisApart from these, also worked on Managing Finance and Cost Cutting	

PROJECTS

Pegasas Payment Gateway Point of Sale API for E-Commerce Applications	SEP 2021 — DEC 2021 New Delhi, Delhi
<ul style="list-style-type: none">Developed Point of Sale (POS) API for e-commerce applications to accept payments through CryptocurrencyDeployed 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.	
ipsweep Computer Network & Port Scanning with Shell Scripting	NOV 2021 — DEC 2021 New Delhi, Delhi
<ul style="list-style-type: none">Designed a Bash Script to perform a Network and Port ScanUsed Nmap: Network MapperImplemented Controls to close ports not in use to secure the network	
Energy Consumption Prediction Model Machine Learning Models for Energy Consumption Prediction as a Semester Long Research Project	MAR 2021 — JUN 2021 New Delhi, Delhi
<ul style="list-style-type: none">Performed Data Mining and Time Series analysis on open source data available for energy consumptionDesigned Time Series Models for Future Prediction of Consumption based on atmospheric & human factors with 87-92% accuracy.Presented how Smart Homes can help in managing and monitoring of Energy Consumption	