Dushyant Kumar

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Leetcode Dushyant2026 GFG Dushyant2026 HackerRank Dushyant2026

Education

Vellore Institute of Technology *Nov 2022 – May 2026*
Bachelor of Technology - Computer Science and Engineering

- GPA: 8.3 / 10
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computer Networks, Database, Operating System, Data Structure and Algorithms, OOPS, Computational Theory and Compilers

Research Paper Publications

5th International Conference on Scientific Research & Innovation December 2024
Khazar University, Baku, Azerbaijan

Healthcare Data Management Using Blockchain Technology ↗

- Presented research on blockchain-based solutions for secure healthcare data management
- Proposed architecture combining IPFS for storage and Ethereum smart contracts for access control

Projects

All About Coding – Full-Stack DSA and AI-ML Learning Platform *github.com/name/repo* ↗

- Description: Built a scalable full-stack platform used by 500+ students to learn DSA and AI-ML through structured tutorials, executable code snippets, and problem-solving exercises.
- Feature: Integrated LeetCode and GitHub APIs, enabling users to fetch and display their coding profiles, track progress, and compare performance with peers, using React hooks and lazy loading, reducing page load time.
- Tech Stack: React, Node.js, MongoDB, TailwindCSS, REST API

Xperia – Blockchain-Based Certificate Verification System *github.com/name/repo* ↗

- Description: Developed a decentralized application to issue and verify certificates using Ethereum smart contracts.
- Deployed smart contracts on a local Ganache blockchain, for certificate generation/validation and built a Streamlit-based UI for institutions to issue certificates and for recipients to verify authenticity via blockchain hashes.
- Tech Stack: Blockchain (Ganache, Truffle), Python, Streamlit, IPFS (Pinata)

College Fast Food – Campus Food Delivery Portal

- Description: Develop an MERN stack food ordering platform that serves many monthly active users on campus.
- Features: Login/sign-up Page, List all the food items, order List, transaction gate way
- Tech Stack: React, Node.js, MongoDB, TailwindCSS

Technologies

Languages: C++, C, Java, Python, JavaScript, SQL(MySQL)
Frameworks and Libraries: React.js, Tailwind CSS, Node.js, Express.js, RESTful APIs
Databases & Storage: SQL(MySQL), NoSQL(MongoDB), IPFS(Pinata)
CS Fundamentals: Data Structures & Algorithm, Operating Systems, DBMS, Computer Networks, Linux, OOP
Blockchain: Ethereum (Ganache, Truffle), IPFS (Pinata), Smart Contracts, Web3.js

Honors and Awards

Leetcode 5* Problem Solving (Rating 1705) Solved 1200+ problems	*Certificate* ↗
Solved 600+ problems on GeeksforGeeks Problem Solving platform	*Certificate* ↗
HackerRank Problem Solving Basic Level	*Certificate* ↗
HackerRank Intermediate level problem solving	*Certificate* ↗
HTML, CSS and JavaScript (Web Development), Coursera	*Certificate* ↗
IBM Blockchain Developer Certificate	*Certificate* ↗
MERN Full Stack Certificate	*Certificate* ↗