

PRATHAM DHADHIYA

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SUMMARY

Completed Btech in CSE from Indian Institute of Information Technology Pune in the year 2025 with a strong emphasis on core computer science fundamentals, including C++, data structures and algorithms, database management systems, software engineering & Amazon Web Services.

TECHNICAL SKILLS

- **Proficient In:** C,C++, Data Structures & Algorithms, SQL, HTML, CSS, React.js , AWS.
- **Coursework Includes:** Database Management, Object Oriented Programming, Cloud Computing, Information Retrieval, Operating System, Machine Learning, Information System Security, Deep Learning.
- **Familiar with:** Python, Java, MongoDB, Express.js, Node.js

EDUCATION

B.Tech	Indian Institute of Information Technology, Pune	June 2025
	Computer Science and Engineering, CGPA: 7.56/10	
12th	Kendriya Vidyalaya No.1, Armapur, Kanpur, U.P	2020
Grade	CBSE Board, 87.8%	
10th	Kendriya Vidyalaya No.1, Armapur, Kanpur, U.P	2018
Grade	CBSE Board, 89.2%	

ACADEMIC PROJECTS

- **ShopSmart: Connecting Small Business to Market Opportunities**
Technologies: Node.js, Express.js, React.js, CSS
ShopSmart is a web application Portal with the aim of providing enhanced market access to Micro, Small, and Medium Enterprises (MSMEs). It is a comprehensive web-based platform integrated to empower and facilitate small businesses in gaining access to markets and expanding their reach.
- **DDoS Attack: Detection and Mitigation**
Technologies: Machine Learning, Ryu Controller, Mininet, OpenFlow, WireShark, Ubuntu, Docker, Python
Designed and implemented a simulation framework to detect and mitigate Distributed Denial of Service (DDoS) attacks using the Mininet network emulator on a virtualized Ubuntu environment. Developed algorithms to identify malicious traffic patterns and mitigate DDoS attacks in real time.
- **Anonymization-Based Privacy Preservation: Leveraging K-anonymity, L-diversity, and T-closeness**
Technologies: Node.js, React.js, CSS, MySQL, Docker, XML
Data Anonymizer tool enables users to anonymize datasets. The web application allows users to upload datasets, select or create de-identification configurations via the web interface, and download the anonymized data. The tool utilizes the ARX Library for data de-identification and employs anonymization algorithms like K-anonymity, L-diversity, and T-closeness.

ACHIEVEMENTS

- Solved 250+ DSA and CP Questions on LeetCode, GFG, Codeforces, Codechef
- Cracked NEET, JEE Mains, and JEE Advanced

CERTIFICATIONS

- Mastering AWS Serverless - Udemy
- JavaScript Fundamentals to Advance - Udemy
- Data Structures and Algorithms Master - CodeHelp