DHAVAL PALAN

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EDUCATION

PARUL UNIVERSITY Vadodara, Gujarat
Master of Science in Information Technology with Cybersecurity & Forensics August 2025 – Sept. 2027

SANSKAR INSTITUTE OF MANAGEMENT & INFORMATION TECHNOLOGY Bhuj, Gujarat
Bachelor of Computer Application June 2022 - April 2025
Cumulative GPA: 8.13/10.0

SANSKAR SCHOOL Bhuj, Gujarat
HSC Boards June 2020 - March 2022

UNIVERSITY PROJECTS

NETSENTINAL – NETWORK INTRUSION DETECTION SYSTEM | Python, Flask, Scikit-learn, Scapy Oct. 2026
- Developed a machine learning-based system to monitor network traffic and classify potential intrusions.
- Implemented live packet capture, anomaly detection, port-scan detection, and a dashboard for prediction history and security reports.

DEEP PERSONA – BOT DETECTION SYSTEM| Python, Flask, Scikit-learn July 2026
- Developed an app that detects bots for applications like Sportify & TicketMaster.
- Instead of traditional techniques the app detects bots through behavioral patterns.

CURESAGE – CLINIC APPOINTMENT APP| Flutter, Dart, Firebase March. 2025
- Built an app for booking, prescriptions and report download.
- Developed Doctor/Staff portal with role-based access.

EXPERIENCE

WR TEAM Bhuj, Gujarat
Flutter Developer Intern June 2024 – July 2024
- Built mobile UI components using Flutter and Dart.
- Integrated REST APIs and fixed UI/UX issues.
- Participated in regular code reviews and improved code quality through team feedback.

TATA CONSULTANCY SERVICES |FORAGE Remote
Cybersecurity Analyst Job Simulation July 2025
- Completed a job simulation involving Identity and Access Management (IAM) for Tata Consultancy Services, collaborating with a cybersecurity consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentation, showcasing the ability to communicate complex technical concepts effectively.

RELEVANT COURSEWORK

- Computer Networks
- Operating Systems
- Database Management System (DBMS)
- Cryptography Basics
- Information Security
- Data Structures & Algorithms
- Web Technologies
- Python Programming
- Object Oriented Programming with Java
- Mobile app development
- Web Application Security
- Optical Character Recognition (OCR)

TECHNICAL SKILLS

Languages: Python, C, C++, Java, JavaScript, PHP, Dart, SQL, VB.NET.
Cybersecurity & Development: Network Intrusion Detection, Network Traffic Analysis, Flask, Scapy, Flutter, HTML, CSS, Bootstrap, WordPress.
Tools & Databases: Git, GitHub, VS Code, XAMPP, SQLite, Firebase Realtime Database, MongoDB.