Sarvagn Pathak

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📍 Rajkot, Gujarat

🏹 https://sdpathak24.github.io/portfolio/

in www.linkedin.com/in/sarvagn-pathak-482274247

○ www.github.com/sdpathak24

Education

2020/11 – 2024/06 Gandhinagar, India	**B.Tech** *Dhirubhai Ambani Institute of Information and Communication Technology* Cpi: 6.68

Skills

Programming Languages
C, C++, Javascript, Python

Tools and Technologied
MySQL, NodeJS, React JS, Burpsuit, Linux,

Area of Intrest
Web Development, Cyber Security, Networks, IoT, Linux

Soft Skills
Communication, Teamwork, Leadership, Analysis

Projects

Digital Verification System
Skills: *Cryptography, Web development*
Digital verification system using photo analysis and input using various cryptographic methods like salting and hashing.

Price-Comparison website ⎘
Skills: *Python(flask), Javascript, Team Leadership*
Python-flask based price comparison website that scrapes web and gives most relevant results of various stores.
I was the group leader for the team of 10 people and I didn't just learnt various technical concepts but also values of team-management and social skills.

Professional Experience

2023/05 – 2023/07 Gandhinagar, India	**Summer Research Intern** *Dhirubhai Ambani Institute of Information and Communication Technology* Worked part-time as Research assistant and analysed various security cryptographic and network protocols and developed our own security architecture for enhancing security.
2023/06 Gandhinagar, India	**Technical Assistant** *Dhirubhai Ambani Institute of Information and Communication Technology* Teaching Assistant for the course IT-304, Computer Networks.

Achievements

2nd rank at Hack Infinity 3.0 ⎘
Developed a decentralized voting system using blockchain technology. It was a great experience to develop an entirely new project from base to a workable model just in a span of 36 hours.

Position of Responsibility

Founder, Cyber Info and Network Security club DA-IICT

Convenor, Music club DA-IICT

Lance Corporal Rank - NCC, Army wing ⎘

Publications

Addressing Single Point of Failure in Group Communication of Constrained Environments (Accepted for publication)
Developed a decentralised security architecture for group communication for CoAP devices with fault tolerance which got accepted at the 9th International Symposium on Security in Computing and Communications (SSCC'23).

Organizations

2022/12 – 2022/12 Rajkot, India	**Vatsalya Trust NGO** ⎘ *Volenteer* Volunteered at local NGO for 21 days , teaching students basic subjects , distributed clothes, participated in skill center