

Shreyaan Pradhan

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EDUCATION

Vellore Institute of Technology

B.Tech. in Computer Science and Engineering Spec. in Bioinformatics

- **Relevant courses:** DSA, OS, OOP, DBMS, NetCom, AI, NLP, IWP, Blockchain

Delhi Public School

11-12th Science

- **CBSE: 75%**

Vellore, Tamil Nadu

Sep. 2020 –Present

BPKIHS, Dharan, Nepal

June 2017 – May 2019

EXPERIENCE

Hardware/Software Dev (Full-time internship)

BBIOT

- Developed Demo product using LoRa technology for IOT solutions.
- Working on PCB designing, Battery management and OTA feature for next Iteration.

June 2023 - current

Vellore, TamilNadu

Web Developer Intern

Powstik

- Responsible for Frontend development using Next.js. Used UI Libraries(Material UI)

Mar 2023 - May 2023

VIT-TBI

PROJECTS

Plan-N-PLoT | *Python, StableDiffusion, Huggingface*

- YANTRA Hackathon, Finals Project(2023). Developed an Application using python, for visualizing specific areas from Maps and plan infrastructure development using blocks and scribbles.

Windows-Clone | *HTML, CSS, Vanilla JS, Firebase, Static website*

- A take on windows Clone as Website, with function such as uploading storage, Qr Sharing, Draggable windows, etc

Wireless-Wizzard | *Arduino, MPU6050, Gyroscope, Accelerometer, Kalman filter*

- A concept for replacing traditional Human Computer Interaction implemented using Arduino with input motion

Custom Short URL | *Express.js, HTML, Firebase, Node.js, Static Website*

- An URL shortener and Custom Url Creating Web application

Automated Controller And Event Handler | *Arduino UNO, Motor Shield, Bluetooth, Ultrasonic Sensor*

- An automated mapping device using ultrasonic sensor, for creating cloud point using moving asset

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, C++, SQL, PHP, MongoDB, HTML, CSS

Frameworks: React.js, Next.js, Express.js, Django

Tools: Node.js, MySQL, Vscode, Mongo Compass, Xampp, Firebase studio, Arduiuno IDE

Platform: Windows, Linux, Android Development(Java), Cloud Hosting

Hardware/IOT:Arduino UNO, NANO, Pro mini, ESP32, Ra-02(LoRa)

Soft Skills: Leadership, Event Management

PUBLICATIONS

1. A. Mathur, S. Pradhan, P. Soni, D. Patel, and R. Regunathan, “Automated test case generation using t5 and gpt-3,” in *2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)*, vol. 1, pp. 1986–1992, 2023

ACHIEVEMENTS

- Microsoft Certified : Security, Compliance, and Identity Fundamentals(2023)
- Winner of ILLUMINA Hackathon 2023
- Winner of Kavach Internal Hackathon, VIT Vellore 2023
- Merit Certificate Awarded by VIT, Vellore for Academic excellence 2022-2023
- 2nd runner-up WE Hack 3.0, Organised by Honeywell and IEEE(WIE), 2022

CLUBS AND CHAPTERS

- Telemetry Systems Head, Team INFINIX - VIT (2022-current)