

Pranava Thejaswi N M

Versatile programmer pursuing a Bachelor's in Engineering, skilled in programming, data structures, and web development. Demonstrates a keen interest in Artificial Intelligence, Machine Learning, and Robotics. Proven leadership skills through organizing and coordinating national-level hackathons and workshops.

Career objective

Seeking opportunities to explore and excel in the fields of Artificial Intelligence and Machine Learning, or Cybersecurity

Educational Background

Bachelor of Engineering :

Vidyavardhaka college of Engineering

Department of Information Science & Engineering

- CGPA : 8.91
- 2021 – 2025

Work Experience :

Company: Azentio

Role: Trainee Engineer (QA Engineer) (06/2025 - Present)

- Working in the Lending domain with experience in manual and Playwright (Java) automation

Company: DigitalShark

Role: Intern (10/02/2025 - 10/04/2025)

- Developed multiple Qt applications, including a CSV-to-SQL converter and company-specific projects
- Gained hands-on experience in C++, Qt (Widgets & QML), and SQL

Company: Mysuru Consulting Group (MCG)

Role: Intern (08/04/2024 - 31/07/2024)

- Developed a text classification AI model for categorizing input data effectively
- Built a real-time TO-DO list application integrated with Firebase for cloud-based data storage and synchronization

Organization: Vidyavardhaka College of Engineering

Role: Peer Trainer – Data Structures and Algorithms (DSA)

- Duration: 36 hours (2026 batch training program)
- Conducted a structured DSA training program for undergraduate students
- Delivered sessions on Programming Fundamentals, OOP concepts, and both Basic and Advanced Data Structures & Algorithms

Projects

- **Proctoring System with AI-Driven Automated Exam Management :**
Built a Flask-based automated exam platform with real-time face/eye tracking, object detection (YOLO), and audio transcription (Whisper). Integrated Firebase for cloud data storage and AI for response evaluation.
Tech Stack: Flask, OpenCV, MediaPipe, YOLO, Dlib, Whisper, Firebase, Generative AI, Flask-Mail
- **Official Website Infathon (24 hrs national level Hackathon):**
Designed and deployed official website of Infathon 2.0 which is a 24 hours National Level Hackathon.
Tech stack : HTML,CSS,Bootstrap,Javascript, .xyz domain registration and Gitpages for deployment.
Link : <https://infathon.github.io/Infathon-4.0-demo/>
- **Swap and share (Prototype) :** Created a web application prototype facilitating the reuse of unnecessary items by connecting donors with those in need.
Link : <https://swapnshare.streamlit.app>

Contact

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My Website : [Click Here](#)

Skills

- Data structures
- Design and Analysis of Algorithms
- Data science with Python
- Familiar with C, C++, Java, Python
- Streamlit
- Firebase
- Web Development
- QT QML, SQL
- Playwright (Java)
- Basic Machine learning

Certification/Short Courses

- Introduction to Cybersecurity
- Google cloud platform Data Engineer path
- Google cloud platform Data Analyst path
- Build your own robot (Introduction to robotics)
- Embedded AI-IoT

Publications

Presented research paper “Comprehensive Proctoring System with AI-Driven Automated Exam Management” at ICTENLT (ARSSS) and ICAISI 2025, Suresh Gyan Vihar University, Jaipur.

Achievement & Awards

- Completed A, B, C certificate in NCC
- 1st Rank in international workshop SDG 11, IUCEE
- 1st Place in Flutterflow Mini 6hrs hackathon, VVCE
- Completed Tabla junior

Activities

- Served as Junior Under Officer, NCC, DBC College (2020–21)
- Acted as Resource Person for 5 workshops on Web Technologies, VVCE
- Coordinator, INFOTHON 2.0 & 3.0 (24-hour National Hackathons); Volunteer, INFOTHON 1.0 & 4.0
- Organized and managed 30+ events across college and NCC