

Shivpujan Kumar

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Education

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamil Nadu **2022 – 2025**

B.Tech in Computer Science and Engineering — CGPA: 7.48

Government Polytechnic Munger [SBTE], Munger, Bihar

2019 – 2022

Diploma in Computer Science and Engineering — CGPA: 7.82

Vivekanand Public School [CBSE], Nawada, Bihar

2017 – 2019

Secondary Education — 64.2%

Startup Experience

Founder & CEO - ApanaGhr

2025 – Present

- Launched an online PG & rental booking platform to help users find rooms and hostels.
- Developed an AI-driven roommate matching system (food preferences, profession, religion).
- Led product development, marketing, and customer acquisition, growing the user base.

Internship

Web Development Intern

Nov 2021 – Dec 2021

- Developed frontend web applications using HTML, CSS, and JavaScript.
- Gained experience in debugging, troubleshooting, and responsive design.

Projects

Video Analytics for Ergonomics Study in Workplace Environment

2024

- Led the development of an AI-driven video analytics system for workplace ergonomics.
- Designed real-time posture detection and analysis with customizable metrics.
- Implemented ML algorithms to monitor movements and provide instant posture feedback.
- Technologies: (Python, OpenCV, MediaPipe, TensorFlow, NumPy)

DeployProbe capacity of Website

jan. 2025

Web Performance Testing Tool that simulates high traffic and analyzes website scalability. Features concurrent load testing simulating thousands of users simultaneously. Real-time progress tracking with WebSocket-like functionality to monitor test execution. Estimates capacity of websites under load and provides actionable improvement recommendations.

- Technologies: (Python, HTML/Django-HTML, CSS, JavaScript)

Cyber Crimes Complaint Management System

2023-2024

- Developed the frontend for a website to track and manage cybercrime reports.
- Optimized accessibility and compatibility across different devices.
- Added features to publish updates on the latest cybercrimes and prevention tips to educate users
- Technologies: (HTML, CSS, JavaScript, SQL, Node.js)

Technical Skills

Programming Languages: Python, Java, SQL, JavaScript, React.js

Tools and Technologies: VS Code, GitHub, PyCharm, IntelliJ IDEA, Canva, Figma

Libraries: TensorFlow, OpenCV, MediaPipe, NumPy, Matplotlib

Operating Systems: Windows, Kali Linux

Certifications

- **Machine Learning Using Python** - Infosys
- **Introduction to Android Development** - Infosys
- **Introduction to Cybersecurity** - Cisco
- **AWS Academy Cloud Foundations**

Achievement and Extracurricular Activities

- Participated in Startup-expo competition at IIT Guwahati.
- Secured 3rd place in the Abhigyan Pahal college competition.
- Attended a IoT workshop.
- Participated in academic hackathon and codeathon competitions.
- Participated in college ideathon Competitions.