

VIKAS YADAV

Undergraduate, Presidency University
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CAREER OBJECTIVE

- Aspiring Software Development Engineer in Test (SDET) with a passion for developing reliable, scalable, and efficient software systems. Eager to contribute to test automation, CI/CD, and quality assurance initiatives at Practo Technologies.

EDUCATION

Degree	Specialization	Institute	Year	CGPA/%
B.Tech	Computer Science & Engineering (IoT)	Presidency University	2022–Present	7.32
Intermediate BIEAP	Mathematics, Physics & Chemistry	Narayana College	2022	89.6
SSC BSEAP	–	Sri Basaveswara Vidyanikethan School	2020	94.3

INTERNSHIP EXPERIENCE

Software Intern Jul–Aug 2025
Skill Craft Technology

- Developed and executed **Python-based applications** using the Replit IDE.
- Worked on basic **software development tasks**, including coding, debugging, and testing simple programs.
- Collaborated with mentors and teammates to understand **real-world software practices**.

PROJECTS

Portable ECG Machine (Raspberry Pi) Mar–May 2024

- Built a **single-channel dry-sensor ECG monitoring system** on Raspberry Pi with IoT integration.
- Enabled real-time **health monitoring and visualization** of patient data for low-cost devices.

Indian University Rankings Data Analysis (R) Nov–Dec 2024

- Collected and preprocessed the **2020 Indian University Ranking dataset** using R.
- Created advanced **visualizations (bar plots, scatter plots, correlation graphs)** to highlight ranking trends.

Matrimonial Website (HTML, CSS) Sept–Dec 2024

- Designed and implemented a **responsive web interface** with structured layouts for efficient browsing.
- Implemented **front-end features using HTML & CSS**, ensuring cross-device compatibility.

CERTIFICATIONS

- Basics of Java - CodeChef (2023)
- Python - InternShala(2024)
- SQL - HackerRank (2024)
- CSS - HackerRank (2024)

TECHNICAL SKILLS

- Programming Languages:** Python, Core Java, C
- Web Technologies:** HTML, CSS, JavaScript
- Databases:** MySQL
- Tools & IDEs:** PyCharm, VS Code
- Inter Personal Skills:** Project Management, Team Management, Decision Making