AMULYA R

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ABOUT ME

I'm a 3rd-semester B.E. student in Computer Science and Engineering at Presidency University. Passionate about programming fundamentals, especially Python, and web development using HTML and CSS. I am eager to learn new concepts like data structures and algorithms and to grow my problem-solving skills through coursework and personal projects. I aim to continuously learn and contribute effectively in a professional environment.

EDUCATION

2024 - 2025 Presidency University	**Bachelor of Engineering Computer Science and Engineering** CGPA- 8.54
2024 M.E.S Kishora Kendra PU College	**Pre-university** Percentage - 89.16%
2022 Assumption English High School	**SSLC** Percentage- 88.5%

EXPERIENCE

- Leadership

Class Representative | [Presidency University] | 2024-Present

- **GSSoc 2025 Mentor**
- **Developed an IOT based Smart Urban Streetlightusing aurdino**
- **Member in GDG**

Practical experience in AI & web technologies

PROJECTS

Smart Urban Streetlight | IoT + Embedded Systems

Presidency University | Department of CSE

- Developed an IoT-based streetlight automation system using Arduino Mega, LDR, PIR, and vibration sensors for intelligent lighting and accident detection.
- Integrated Blynk IoT for real-time monitoring and SMS-based alert notifications.
- Recognized among the Top 120 Innovative Projects at Presidency University.
- Tech Stack: Arduino IDE, ESP-32, Blynk IoT, LDR, PIR, Vibration Sensors

JalaRaksha - Rural Water Access UI | Figma

- Designed a mobile - first interface to help villagers receive water supply alerts, request tankers, and file complaints optimized for low- literacy users with clean visual design

TECHNICAL SKILLS

- Have strong fundamentals in Python and also familiarity with language like Java
- During my innovative project using Arduino, I gained hands-on experience in IoT and embedded systems through the Smart Streetlight project

EXTRA CURRICULAR

- Designed "JalaRaksha", a Figma-based UI project addressing rural water issues through intuitive mobile design
- GSSoc 2025 Mentor