SHRUSTI M P

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◆https://github.com/Shrusti-MP◆

PROFESSIONAL SUMMARY

Highly motivated Computer Science and Engineering student with a CGPA of 9.21, specializing in Software Development and Web Development. Strong foundation in Python, Java, and Django with hands-on experience in building scalable web applications. Demonstrated leadership and problem-solving abilities through hackathons and technical projects. Passionate about developing technology-driven solutions that create real-world impact.

TECHNICAL SKILLS

Programming	Java, Python
Web & Frameworks	HTML, CSS, JavaScript, Django, Bootstrap
Tools & Concepts	Visual Studio, Arduino, Raspberry Pi Pico, OOP, Data Structures

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PROJECT EXPERIENCE

Carpooling Web Application (Django)

- Developing a full-stack ride-sharing platform with authentication, ride posting, and booking management.
- Designed scalable backend architecture and responsive frontend for improved user experience.
- Focused on sustainable and efficient transportation solutions.

Real-Time Flood Monitoring & Alert System (IoT)

- Built IoT-based system using Raspberry Pi Pico to monitor water levels and trigger alerts.
- Enabled real-time early-warning support to reduce disaster impact.
- Integrated smart sensing and wireless communication technologies.

DIY Electronic Drum Pad (Arduino)

- Designed sensor-based percussion system using piezoelectric sensors and Arduino Uno.
- Programmed microcontroller to process signals and generate real-time audio output.
- Demonstrated hardware-software integration and embedded programming skills.

EDUCATION

Bachelor of Technology, CSE Presidency University   2023 - 2027
CGPA: 9.21
Board of Intermediate Education, Vani Pre University   2021 - 2023
Percentage: 90.67
Board of Secondary Education, Sushikshitha English Medium High School   2020 - 2021
Percentage: 91.52

CERTIFICATIONS & ACHIEVEMENTS

- Deloitte Technology Job Simulation – Completion Certificate (June 2025)
- Internship Completion Certificate (June–August 2025)
- Smart India Hackathon 2025 (Internal Round) – Top 5 out of 200 teams