RITIKA SRIVASTAVA

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EDUCATION

Vellore Institute of Technology, Bhopal   July 2021 - July 2025
Bachelors of Technology in Electronics and Communication Engineering   **CGPA: 8.39/10**

EXPERIENCE

Design and Verification Intern | Maven Silicon   Aug 2023 - Oct 2023

- Acquired hands-on VLSI expertise by completing AHB2APB Bridge Design course.
- Designed an AHB to APB Bridge to improve data transfer speed and enhance system communication for better performance and reliability.
- Strengthened debugging skills, ensuring full protocol compliance and seamless integration.

Salesforce Developer | Intern | Salesforce   July 2024 - Sep 2024

- Completed Salesforce Trailhead modules, mastering CRM architecture and data management, earning 13 Superbadges.
- Earned Superbadges for process automation, improving efficiency by streamlining business workflows.
- Implemented skills in Apex and LWC through hands-on Trailhead projects, completing 29 modules and reinforcing modern development tools.

PROJECTS

Meet Move

- Developed and deployed a video conferencing web application using WebRTC and Socket.io to enable real-time communication between users.
- Built an AI-powered posture correction bot using TensorFlow to improve posture detection accuracy and user response time.
- Developed a meeting scheduler with error handling for date issues and secured user access using Firebase authentication.

Cardio Care Predictor

- Built a Flask REST API predicting coronary heart disease with 88% accuracy using the Framingham Heart Study dataset.
- Integrated a chatbot for hospital bookings and Google Maps API for locating top cardiac hospitals.
- Developed a responsive BMI/BMR calculator with personalized health tips, boosting user engagement by 40%.

CERTIFICATIONS

- **Postman** (Postman API Fundamentals Student Expert)
- **Bharat Intern** (Web Development)
- **Smart India Hackathon** SIH Finalist.

SKILLS

Python, C++, HTML, CSS, JavaScript, React.js, Node.js, MongoDB, REST API, SQL

RELEVANT COURSEWORK

Data Structures, Algorithm, Database Management System, Object Oriented Programming, MySQL

POSITIONS OF RESPONSIBILITY

Student Mentor at Vellore Institute of Technology, Bhopal
Mentored and guided 30+ students during the National Symposium on Innovations in Intelligent Systems at VIT Bhopal University.

OPEN SOURCE CONTRIBUTION

- Made 10 impactful contributions to the **GirlScript Summer of Code (GSSoC) 2023**, enhancing open-source projects and collaborating with developers worldwide.
- Actively participated in **Hacktoberfest 2023**, completing multiple pull requests and improving open-source software.
- Maintained a **178-day streak** on GeeksforGeeks (GFG), consistently solving problems and enhancing skills.