RESHMA MASHUTHA R

Computer Science and Engineering Student | Tech Enthusiast

"Ambitious Computer Science and Engineering student, graduating in 2025, with a strong passion for Python, Java, and full-stack web development. Skilled in frontend design and Excel, and known for a bold, creative mindset. Adept at combining technical expertise with innovative solutions to deliver exceptional results in diverse IT projects."

EDUCATION

Nadar Saraswathi College of Engineering and Technology/ B.E - CSE
Theni, Tamil Nadu, India
Sep, 2021 - 2025

- **CGPA- 8.40% (up to 5th semester)**

WORK EXPERIENCE

FULL STACK WEB DEVELOPER INTERN - COMPUTIRA SOFT SOLUTIONS
07/2023 - 08/2023

- During my internship, I developed backend systems using python and frontend interfaces for projects like IPdf, I Like Pdf, and Convo Box. I also participated in agile processes, code reviews, and used Git for version control.

Developer & Member- iSPIN ORGANIZATION
Oct, 2022 - Present

- The college organization for student tech enthusiasts, where I lead and develop software solutions for our college.Utilize PHP, HTML, CSS, JavaScript, and MySQL to develop and maintain the college website and software solutions for our college needs

MY WORKS

- **A website for blood and breast milk donation** — *Html , CSS , Python*
Created a dynamic website with Python, HTML, CSS, and SQLite for blood and breast milk donations, including secure user registration, login, and donation features.

- **Hydro Power Plant Design** — *Python*
AI in hydropower design is your super-powered architect, optimizing plants for efficiency, sustainability, and affordability. Think faster, smarter designs for powerful, eco-friendly, and budget-friendly energy. This is a project for SIH Hackathon

- **Maze solving Robot workshop** — *IoT*
Maze solving robots are autonomous robots that can navigate through a maze without any human assistance. They typically use sensors to detect walls and obstacles.

- **College website Development** — *NSCET*
Served as an iSPIN member at our college, where I contributed to the development of our college website, enhancing its functionality and user experience.

- **Entrepreneur Business Bootcamp** — *Organized by SIH and MIC of India*
Participated in a 5-day boot camp at Sri Ramakrishna College, conducted by SIH and MIC of India. Developed an SIH idea into a business and pitched it to a panel of 8 judges.

CONTACT

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https://github.com/reshmamashutha
Theni, TamilNadu

SKILLS

Technical

- Python
- Html | CSS
- Java
- SQL Programming
- Java Script
- Excel
- Mongodb
- Git and Github

Professional

- Leadership and training
- Creativity and Planning
- Management , Budgeting

ACHIEVEMENTS

SmartIndiaHackathon - Finalist
- Led AI-based hydropower plant design project; discussed with the prime minister. Worked as frontend developer and managed backend integration.

International conference - Runner-up
- Presented a survey on security issues in IoT.

IEMHACKS 2.0 - Finalist
- Developed a Donation website using Python, SQLite, Html,CSS.

NM-AU-TNcpl – Participation
- Participated in Ideathon hosted by GUVI, Naan Mudhalvan,and AnnaUniversity, reached Level 2.

CERTIFICATES

- **Python Zero to Hero - GUVI**
- **DevOps - GUVI**