PREETHI G N

Bengaluru, Karnataka

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Profile Summary

As a dedicated MCA student, I am passionate about software development, coding, and problem-solving. I strive to build efficient and user-centric applications while continuously improving my technical skills. I am seeking opportunities where I can contribute to meaningful technology solutions, expand my knowledge, and grow into a proficient full-stack developer.

Education

Surana College (Autonomous)   **2024 – 2026**
Masters of Computer Applications – CGPA: 8.82   *Bengaluru, Karnataka*

Seshadripuram Academy of Business Studies   **2021 – 2024**
Batchelor of Computer Applications – CGPA: 9.2   *Bengaluru, Karnataka*

Projects

Detection of Stress in IT Employees | *Python, CNN, Image Processing*   **Jun 2024**
- Developed a stress-detection system for IT professionals using advanced machine learning and image processing techniques to identify emotional and mental stress levels.
- Implemented a CNN-based model achieving **87.34% training accuracy** and **98.45% validation accuracy**, enabling reliable detection through both periodic assessment and live emotion monitoring.
- Enhanced traditional questionnaire-based stress detection by integrating real-time emotion analysis, improving early identification of stress indicators and designed the system to support organizations in employee welfare by enabling timely counseling and promoting a healthier and more productive work environment.

DigiCanteen FoodHub | *HTML, CSS, JavaScript, Django, MySQL*   **Sep 2025**
- Built a digital canteen management platform enabling online food ordering, menu browsing, and order tracking for students and staff.
- Implemented user authentication, role-based access, and order history features using Django and MySQL for secure data handling.
- Designed a responsive and user-friendly interface with HTML, CSS, and JavaScript to ensure smooth access across all devices.
- Automated order processing and improved efficiency by providing real-time order status updates for both users and canteen staff.

Hack The Glitch – Coding & Debugging Competition Website | *HTML, CSS, JavaScript*   **Aug 2025**
- Designed and developed a fully functional competition website for "Hack The Glitch," featuring registration, event details, and challenge access.
- Created dedicated sections such as About Us, Event Rounds, Rules, and Organizers with a clean, professional layout.
- Built a responsive and user-friendly interface using HTML, CSS, and JavaScript to ensure smooth navigation across devices.
- Enhanced participant experience by providing structured workflows, clear event information, and visually appealing interactive components.

Technical Skills

Languages: Python, SQL, Java, PHP, HTML, CSS, Java Script.

Technologies/Frameworks/Tools: Django, Flask, Git, GitHub, VS Code

Extracurricular / Certifications

- Certified in **Mastering Full Stack Development** by Udemy.
- Certified in **Programming with python** by internshala
- Certified in **Android Developer, AI-ML** by EduSkills Foundation.
- Certified in **SQL,Django,React.js** by Surana college.