

BALAJI PA

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OBJECTIVE

Passionate computer science graduate with hands-on experience building web applications and AI-powered systems. I love turning ideas into functional software using clean code and smart design. Excited to contribute my full-stack skills and problem-solving approach to innovative projects.

EDUCATION

Bachelor of Computer Science, CMR University, Bengaluru 2021 - 2025
CGPA - 8.03

Pre-University, Sri Chaitanya PU College, Ballari 2018 - 2020
Percentage - 85%

10th Grade, Sri Vishweshwaraiah School, Ballari 2017 - 2018
Percentage - 87.2%

TECHNICAL SKILLS

Frontend	HTML,CSS,JavaScript
Backend	Python,Core Java
Database	SQL
Software Development	Familiar with the basics of SDLC, including models like Waterfall and Agile.
Tools	VS code, GitHub, Jupyter Notebook, WordPress
Software Principles	OOPS, Clean Code Architecture

INTERNSHIPS

Website Developer Intern Jan 2025 - March 2025
Robomanthan Pvt Limited *BTm Stage 2 ,Bengaluru*

- Collaborating with a 3-member team to develop a website for Robomanthan Pvt Ltd using WordPress.
- Assisting in creating responsive, user-friendly web pages with clean layouts and optimized performance.
- Continuously applying frontend best practices while contributing to project improvements
- Mentored students on frontend technologies, including HTML, CSS, and JavaScript, to enhance their understanding of web development.

Web-Development Internship(Remote) Jun 2024 - Sep 2024
Unified Mentor *Bengaluru*

- Completed a 3-month web development internship at Unified Mentors.
- Gained proficiency in HTML, CSS, JavaScript through practical projects.
- Awarded a web development certification after successfully completing the internship.

PROJECTS

Web Development Project: ICSEIC 2025 Conference Website

Technologies Used : HTML,CSS,Javascript,GoogleForms.

About The Project:

Developed a responsive conference portal using HTML5, CSS3, and JavaScript with Google Forms integration for paper submissions. Optimized frontend performance through image compression and lazy loading techniques. Implemented mobile-first design for seamless cross-device accessibility. Collaborated in a team of 3 to deliver the project under faculty guidance. Served as the primary platform for event updates and participant engagement.

My Role:

- Designed and implemented the website's frontend using HTML, CSS, and JavaScript.
- Integrated Google Forms for efficient data management.
- Collaborated with a 3-member team under Brijesh Mishra Sir's guidance to ensure timely delivery.

Capstone Project: Facial Recognition Transaction Platform For Effectless Exchange

Technologies Used:Python, OpenCV, MediaPipe, Tkinter, NumPy, scikit-learn, PyAutoGUI.

About The Project:

Developed a Python-based transaction system utilizing OpenCV and MediaPipe for secure facial recognition authentication. Implemented hands-free navigation through gaze tracking and blink detection, ensuring seamless user interaction. Designed an authentication system using PIN and a Tkinter interface for an intuitive financial experience. The system included secure transaction features such as balance checks, session timeouts, and activity logs.

My Role:

- Led a 4-member team, coordinating efforts and ensuring project milestones were met.
- Designed and implemented the facial recognition authentication system using OpenCV and MediaPipe.
- Contributed to developing hands-free navigation features like gaze tracking and blink detection.

SOFTSKILLS

- Problem Solving
- Neat and Well-Organised
- Works well with deadlines
- Collaborative and Team Work