

## EDUCATION

Degree	Specialization	Institute	Year	CPI
Master's	Computer Science	University of Central Missouri	2024-2025	3.83
B.Tech	Information Technology	Bapatla Engineering College	2019-2023	3.58

## PROGRAMMING SKILLS

- **Programming Languages:** C, Python, MySQL, JavaScript.
- **Skills:** React.js, Node.js, Express.js, MongoDB, Html, CSS, JWT, Vue.js, Spring Boot, REST APIs, Flask, AWS, Bootstrap, VS Code, GitHub, Jupyter Notebook, Docker, Postman, draw.io, Figma, Netlify, Render.

## WORK EXPERIENCE

- **Software Dev Intern** [Tourslog] Remote Sep-Nov 2022
  - Designed and developed a **scalable, responsive** web application to enhance backend operations.
  - Built an **admin panel** for efficient user data management, **secure password recovery** and **role-based access control**. Integrated **REST APIs** and optimized backend logic using **Spring Boot, Amazon DynamoDB** improving **performance by 30%**.
  - Ensured cross-browser compatibility and optimized UI performance, **reducing page load times by 25%** and integrated real-time notifications using **Toaster**. Followed **agile development practices** using GitHub and regular team sprints.
- **Future Ready Talent** [Microsoft] Remote Apr-Aug 2022
  - Implemented a **secure user authentication system** with **sign up, login, forgot password, and logout** features.
  - Enhanced data security using **JWT-based authentication** and **bcrypt password hashing**.
- **Student Intern** [Maltech Solutions Pvt.Ltd] Remote Sep-Nov 2021
  - Created a dynamic QuizApp using **HTML, CSS, and JavaScript**, including real-time feedback, scoring system. Designed an interactive **UI** with animations and a restart feature to enhance user engagement.

## PROJECTS

- **Website Development For Higher Education Institution** [Prof. Dr. N.Sivaram Prasad]
  - Built using the **MERN stack** to streamline placement staff management and student registration for placements.
  - Visualized **10 years of placement data** with **interactive pie charts** and implemented a responsive design for seamless web and mobile access.
- **Restaurant Food Ordering System**
  - Developed a full-stack web application using **Python (Flask)** for the backend and **HTML, CSS, JavaScript** for the frontend, enabling real-time order placement, tracking, and delivery coordination.
  - Designed and implemented **role-based access control** for customers, restaurant owners, and delivery personnel, integrating **MongoDB** for scalable data storage and efficient order management.
  - **Real-time order status updates** and restaurant management dashboards built to streamline food availability, order preparation, and delivery processes.
- **Heart Disease Prediction using Machine Learning and Deep Learning**
  - Implemented machine learning and deep learning models, including **Logistic Regression, Decision Tree, SVM, KNN, Random Forest, and Deep Neural Networks**.
  - Integrated machine learning models into a **Flask web application** for real-time predictions, using **joblib**, providing accurate and user-friendly results.

## EXTRA-CURRICULAR ACHIEVEMENTS

- **1st Place in Tech Quiz** (Engineer's Day, Bectagon 2023) among **10+ teams**.
- **3rd Place in Tech Quiz** (Engineer's Day, Bectagon 2020) among **15+ teams**.

## POSITIONS OF RESPONSIBILITY

- **Student Coordinator** [*Bectagon 2020*] *Jan-Feb 2020*
  - Led the **end-to-end planning** and execution of the **Bectagon National Event**, overseeing logistics, team coordination, and stakeholder communication, **witnessing an overall 800+ participants** from students as well as staff members of the institute.
  - **Organized Code Rivalry** for department students and facilitated a **technical quiz** to enhance technical engagement. **Led a team of 5** responsible for planning and organizing and seamless execution of the event.