Rao Chaithanya H

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GitHub | Linkedin

EDUCATION

Sahyadri College of Engineering and Management   Mangalore, India
Bachelor of Engineering in Computer Science & Engineering (Data Science)   May 2025
Relevant Coursework: Data Structures & Algorithms, Machine Learning, DBMS, Statistics for Data Science
CGPA: 8.12

EXPERIENCE

Ukshati Technologies Pvt. Ltd. | Software Developer Intern   Mangalore,India | Jan 2025 - Jun 2025
- Developed and deployed a containerized ERP web application using Node.js, Docker, and MySQL.
- Enhanced system reliability by integrating RESTful APIs for efficient data flow between services.

Infosys ICT | Data Analytics Intern   Mangalore, India | Nov 2024 – Dec 2024
- Developed interactive sales dashboards using Power BI to visualize key performance metrics and sales trends.
- Provided actionable insights to support data-driven decisions and enhance overall sales strategy.

Coding Key LLP | SEO Intern   Mangalore, India | Oct 2023 – Nov 2023
- Developed and executed SEO strategies to enhance the organization's online visibility.
- Performed web scraping to extract and analyze data from educational websites, storing it efficiently in a database.

TCE | Full Stack Developer Intern   Mangalore, India | May 2023 – Sep 2023
- Developed a full-featured Book Library Application System with Node.js and Express.js for backend, and React.js for frontend development.
- Designed RESTful APIs and implemented secure user authentication for robust application functionality.

SKILLS

- **Languages:** Python, C, C++, SQL
- **Libraries/Frameworks:** Node.js, React, Express, Bootstrap, Flask
- **Tools/Platforms:** Power BI, TensorFlow, Flutter, Git, Docker

PROJECTS / OPEN-SOURCE

Deep Learning Approach for Smart Disease Detection in Coffee Leaves *Python, TensorFlow, Keras, CNN, Flask, OpenCV*
- Developed a deep learning-based web application using TensorFlow/Keras and Convolutional Neural Networks (CNN) to detect diseases in coffee leaves with high accuracy.
- Built a Flask-based user interface for real-time image upload and instant disease prediction, enabling rapid agricultural assessments.

Flat Rental Management System   *PHP, MySQL, HTML, CSS, JavaScript, Bootstrap, phpMyAdmin*
- Developed a full-featured Flat Rental Management System using PHP and MySQL to manage tenants, properties, leases, and payments efficiently.
- Implemented secure user authentication and role-based access controls to ensure data integrity and system security.

Book Library Application System   *Node.js, Express.js, React.js, MongoDB, RESTful APIs, JavaScript, HTML, CSS*
- Designed and developed a responsive Book Library Management System using MERN stack with RESTful APIs for efficient data handling and user interactions.
- Managed backend services for books, users, and transactions, ensuring scalable and maintainable application architecture.

CERTIFICATIONS

- Data Analytics under Infosys Foundation – Infosys
- Cloud Computing – Infosys Springboard
- Full Stack Development (MERN Stack with Bootstrap Framework) – TCE