

SOWJANYA CHELLURI

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in LinkedIn

🐙 GitHub

OBJECTIVE

Highly motivated 4th year Computer Science student with programming, Data Structures, and Algorithms skills, eager to contribute to innovative projects and learn from industry leaders through an internship opportunity.

EDUCATION

B.Tech in Computer Science, Kakinada Institute of Engineering and Technology,
CGPA: 7.55/10

Expected 2026
AP, India

Intermediate (MPC), GRC Modern Junior College
Percentage: 80%

2020 - 2022
AP, India

SKILLS

Programming Languages	Python, HTML, CSS, JavaScript
Frameworks/Libraries	NumPy, Pandas, React.js
Databases	MySQL, MongoDB
Developer Tools	Git/Github, Google Colab, VS Code,
Academic Coursework	Data Structures, Operating Systems (Windows, Unix/Linux), CN, OOP, DBMS
Certifications	Python (Infosys Springboard), Machine Learning (IIIT-Hyderabad),

EXPERIENCE

Infosys | **Full-Stack Developer**—Global Coding Club | Remote

March 2024 - February 2025

- Developed a full-stack web application using **MongoDB, Express.js, React.js, and Node.js** to manage and deliver online courses.
- Integrated **Amazon S3** for secure, scalable video storage and retrieval.
- Designed and implemented a **responsive, interactive UI** for smooth user experience across devices.
- Implemented features for **course creation, video upload, user enrollment, and progress tracking**.
- Followed **RESTful API architecture** and applied authentication/authorization for secure access.

PROJECTS

To-Do List App: Built a full-stack To-Do List app using React.js, Node.js, Express.js, and MongoDB. Implemented CRUD operations, deployed frontend via Vercel and backend via Render, and styled with Tailwind CSS for a clean and responsive UI.

Heart Disease Prediction System: Developed a machine learning model using Python (scikit-learn) to predict the risk of heart disease based on user input. Integrated the model into a web interface using Flask, with data visualization and user-friendly form inputs.

INTERNSHIPS

- **Java Development Intern:** Completed a hands-on internship focused on core and advanced Java concepts, object-oriented programming, and building small-scale applications to strengthen backend development skills.
- **Machine Learning Intern – IIIT Hyderabad:** Gained practical experience in data preprocessing, feature engineering, and implementing supervised/unsupervised algorithms using Python and scikit-learn. Worked on real-world datasets and built predictive models with evaluation metrics.