

ASHRITH VELISOJU

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SUMMARY

Motivated student at Mahatma Gandhi Institute of Technology, Hyderabad pursuing B.Tech. in Computer Science & Engineering. Passionate about technology and coding. Seeking software engineering internship opportunities in AI and Distributed Systems to gain practical experience and apply classroom knowledge to real-world projects.

SKILLS

Programming Languages: Python, Java, C

Front-End: React.js, JavaScript (ES6+), HTML5, CSS3, Responsive Design

Back-End: Express, Node.JS

Development Tools: Git, Browser Developer Tools, VS Code

State Management: Context API

Databases: SQL, MySQL, MongoDB

Development Tools: Git, GitHub

Machine Learning & AI: TensorFlow, PyTorch, Neural Networks, Generative AI, LLMs

PROJECTS

PLANT DISEASE DETECTION SYSTEM FOR SUSTAINABLE AGRICULTURE

[Link](#)

- Developed a responsive React.js web application with reusable component architecture for detecting crop diseases
- Implemented state management using React Context API to maintain application data flow
- Built custom React components for image upload, processing, and displaying diagnostic results
- Collaborated with backend team to integrate REST API endpoints for ML model communication

CROSS-LANGUAGE CODE VULNERABILITY ANALYZER

[Link](#)

- Built an interactive front-end dashboard using React.js component architecture to visualize code vulnerabilities
- Developed responsive UI components following modern design principles for seamless desktop/mobile experience
- Implemented REST API integration using Axios for real-time vulnerability scanning and reporting
- Created reusable React components for code display, vulnerability highlighting, and user feedback
- Utilized Git workflow for feature development and version control

EDUCATION

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY – Hyderabad, India

Jul 2026

Bachelor of Technology, Computer Science & Engineering; Cumulative GPA: 7.8/10.0

NARAYANA JUNIOR COLLEGE – Hyderabad, India

May 2022

Intermediate(12th); Percentage: 81%

SRI CHAITANYA TECHNO SCHOOL – Hyderabad, India

May 2020

SSC(10th); Cumulative GPA: 9.8/10.0

CERTIFICATIONS

Google AI Essentials (Google)

Full-Stack Web development (Apna College)

Oracle Database Programming with SQL (Oracle)

AWARDS

Won 3rd Position in HackSavvy25 (A Nationwide Coding Challenge)