

ITLA SANTHOSH KUMAR

Computer Science and Engineering

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EDUCATION

- **B.Tech., Computer Science and Engineering** CGPA: 8.4 (till 2nd year 1st sem)
Rajiv Gandhi University of Knowledge Technologies, Nuzvid, A.P 2027
- **Pre University Course** CGPA: 9.53
Rajiv Gandhi University of Knowledge Technologies, Nuzvid, A.P 2023
- **Secondary School** GPA: 9.0
Sri Chaitanya High School Darsi, A.P 2021

EXPERIENCE

- **DevSecEngOops**  Mar 2024 - Present
Software Engineer Intern Kondapur, Telangana, India
 - Created responsive web pages using HTML, CSS, JavaScript, and React, improving engagement by 30
 - Designed UI/UX with Figma, speeding up development process by 40
 - Analyzed user interactions to improve navigation and content usability
 - Presented final designs to team, receiving appreciation for creative work

PROJECTS

- **CROP-PREDICTION** Dec 2024 
Tools: Python, Scikit-Learn, Pandas, NumPy, Flask
 - Developed ML model to predict crop yields based on environmental factors
 - Built Flask web app for users to input data and get recommendations
 - Used Pandas/NumPy for efficient data preprocessing
- **AI-Powered CRM System** Feb 2025 
Tools: Python, Flask, MongoDB, Google Gemini API, Firebase
 - Created AI chatbot for personalized product recommendations
 - Implemented Firebase authentication for secure user login
 - Increased customer engagement by 30
- **Virtual Health Assistant** March 2025 
Tools: AI Models, Wearable Integration, Flask, TensorFlow
 - Developed healthcare solution for medical insights and recommendations
 - Integrated wearable devices for health monitoring
 - Implemented symptom analysis and virtual consultations
- **xRAY-AnaLyzer** April 2025 
Tools: Python, OpenCV, TensorFlow, Keras, Flask
 - Developed AI-based tool for automated X-ray image analysis
 - Integrated TensorFlow and OpenCV for image processing
 - Built Flask web application for easy deployment

SKILLS

- **Programming Languages** Python, JavaScript, C, Java, SQL, HTML, CSS
- **Frameworks/Libraries** React, FastAPI, Flask, Nodejs, OpenCV
- **Databases** MongoDB, Firebase, MySQL
- **Tools** Git, VS Code, Figma, Postman, Jupyter, Tableau
- **Soft Skills** Problem Solving, Team Collaboration, Public Speaking

CERTIFICATIONS

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|--------------------------------------|--------------------------|
| • HTML, React, MongoDB, Node.js | <i>LinkedIn Learning</i> |
| • Machine Learning with Python | <i>LinkedIn Learning</i> |
| • Introduction to Prompt Engineering | <i>LinkedIn Learning</i> |
| • Java (Intermediate) | <i>Codio, edX</i> |
| • AI for Everyone | <i>IBM</i> |
| • Python for Data Science | <i>IBM</i> |

ACHIEVEMENTS

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|---|---------------------------------|
| • Hackathon Champions (3rd Prize) Team Magnum | <i>TeckZite'25, IIIT Nuzvid</i> |
| • Hactivate (Finalists) Team Magnum | <i>GFG-Anurag University</i> |

POSITIONS OF RESPONSIBILITY

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|-----------------|---|
| • NSS Volunteer | <i>RGUKT IIIT NUZVID (Jan 2023 - Present)</i> |
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