


# Jyothi Akhila

✉ jyothiakhila02@gmail.com ☎ 8919805672  LinkedIn

## PROFILE

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Energetic Bachelor of Technology Computer Science student with a quick grasp of new concepts, strong problem-solving, and analytical skills. Demonstrates effective teamwork and communication abilities. Seeking opportunities to contribute to impactful projects in the tech industry and enhance skills.

## EDUCATION

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**B.Tech Computer Science Engineering with DataScience,** 2022 – 2026  
Ravindra College Of Engineering For Women Kurnool, India  
CGPA - 8.2

**Narayana Junior College** 2020 – 2022  
Percentage-94 Kurnool, India

## PROFESSIONAL EXPERIENCE

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### Associate Developer, Prosprint

- As an Associate Developer at Prosprint, I contribute to the design, development, and maintenance of web applications using technologies like ReactJS and Node.js. I collaborate with cross-functional teams to ensure smooth integration of APIs and enhance system performance.

### Research Intern, IIITDM

- As a research intern at the Next Gen Computing and Networking Group (NGCN), I worked on machine learning model development and training for real-world applications. My primary focus was on satellite image segmentation, specifically identifying and analyzing water bodies using deep learning techniques. Additionally, I collaborated with researchers to enhance AI-driven solutions for geospatial analysis. This experience strengthened my skills in computer vision, data processing, and research methodologies.

### AICTE-EduSkills Internship Certified

- Blue Prism Intelligent Automation Virtual Internship
- Cyber Security Virtual Internship

## TECHNICAL LANGUAGES / FRAMEWORKS

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**Languages :** — C, Python, Java

**Skills:** — Database Management Systems, Axure RP 10

**Web Development with Frameworks :** — HTML, CSS, Javascript, Node.js, React.js

**Databases :** — SQL, MongoDB

**Soft Skills :** — Time Management, Fast Learner, Communication

## PROJECTS

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### Portfolio, HTML, CSS, JavaScript

- Created an interactive portfolio utilizing a combination of HTML, CSS, Javascript frameworks. Designed and implemented various projects, showcasing my proficiency in Web Development.

### Bill Management System

- It is a web-based application designed to streamline the management of bills and invoices. Built using HTML, CSS, React.js and Node.js, it allows users to create, view, and track bills efficiently. This system ensures seamless user interaction with a responsive frontend and secure backend for storing and managing bill data.

### Autonomous Water Surface Clearing Robot

- The Autonomous Water Surface Clearing Robot detects floating waste using sensors or computer vision and efficiently collects it with a conveyor or net mechanism. It operates autonomously to ensure clean water bodies with minimal human effort.

## CERTIFICATES

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**Smart Interviews Certification:** — Achieved a global rank of **8998**, demonstrating strong problem-solving and coding skills in data structures and algorithms.

**CISCO Networking Academy:** — Python(Dec 30,2023) | Data Analytics Essentials(May 20,2024)

**EXCELR:** — Microsoft Business Intelligence /Power BI | Salesforce Developer

**Great Learning Academy:** — Python For Data Science(Jan 28,2024) | Data Structures in C(Feb 24,2024)

**Cambridge Lingua Skill:** — With B1 Grade(Dec 29,2023)

**Sololearn:** — Python(Sep 28,2023) | C(Nov 9,2023)

**EduSkills TECH CAMP:** — Google AI-ML(Aug 12-14,2024)

## ACHIEVEMENTS

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- Achieved and maintained a CGPA of 8.0+ across all semesters in B.Tech in Computer Science, demonstrating determination and academic excellence.
- Solved 1000+ problems across different programming platforms.
- Achieved CodeChef badges by consistently solving a diverse set of competitive programming problems, showcasing strong problem-solving skills and algorithmic expertise. Demonstrated commitment through regular participation in coding challenges and contests.