

# ALLA NAGA RAVINDRA

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Git <https://github.com/Ravindra-alla>

## SKILLS

**Programming Languages:** Python

**Frontend:** HTML, CSS, React

**Backend:** Flask, Node.js, Express.js

**Databases:** MySQL

**Core subjects:** Computer Networks, DBMS, Operating Systems

## PROJECTS

### Crop Yield Prediction using Machine Learning

Dec 2025

*Python, Scikit-learn, Pandas, NumPy*

- Developed machine learning model to predict agricultural crop yields based on environmental parameters
- Implemented data preprocessing, feature engineering, and model optimization techniques
- Utilized Python libraries including Scikit-learn, Pandas, NumPy for data analysis and model development

### Resume Building Application

Dec 2024

*React, Flask, Node.js, MySQL*

- Built full-stack web application for creating professional resumes with customizable templates
- Implemented responsive frontend using React with modern UI/UX design principles
- Developed backend API using Flask/Node.js with MySQL database for data persistence

## INTERNSHIP

### Web Application Development Intern – Swecha

Feb 2024

- Developed web applications using Flask framework with focus on backend development
- Implemented RESTful API design patterns for efficient client-server communication
- Collaborated with development team on multiple web projects and learned industry best practices

### AWS Cloud Computing Intern – Viksha Tech Solutions

Sept 2025

- Gained hands-on experience with AWS cloud services including EC2, S3, and RDS
- Worked on cloud deployment, infrastructure management, and scalability concepts
- Learned cloud-based architecture design and implementation strategies

## ACHIEVEMENTS

- TCS iON Career Edge** – Completed certification program focused on career readiness and professional skills
- ICRAES 2K25** – Completed research paper on Sustainable Energy Systems and AI-Powered Automation at IEEE International Conference on Recent Advances in Engineering and Science
- AWS Cloud Computing Certificate** – Demonstrated proficiency in cloud technologies
- Introduction to Artificial Intelligence** – Infosys Springboard certification
- NPTEL Certificate** – AI in Industrial Management Systems from IIT platform

## EDUCATION

### Narasaraopeta Engineering College

*B.Tech in Computer Science and Engineering (AI & ML), CGPA: 8.0*

Sept 2023 – Present (Pursuing)

Narasaraopeta, India

### Sri Chaitanya Junior College

*Intermediate (XII), CGPA: 9.38*

June 2021 – Mar 2023

Andhra Pradesh, India

### ZPHS Garlapadu

*Secondary School (X), CGPA: 9.7*

2020 – 2021

Garlapadu, India