

# POLIPALLI RAJESH

Python Full Stack Developer / Frontend Developer

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📁 [Portfolio](#)

## Profile Summary

- As a self-motivated, highly passionate, and hardworking fresher, I am seeking an opportunity to work in a challenging organization where I can utilize my skills and knowledge to contribute to the growth of the company and to build my career.

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Experience

### Code Tech IT Solutions

Aug 2024 – Sept 2024

Full Stack Developer Intern

Hyderabad, Telangana

- Developed and deployed the 'Food Ordering System,' utilizing Python, Django, HTML/CSS, JavaScript, and SQLite to enhance system efficiency and user experience.
- Implemented key features such as user authentication, payment gateway integration, and order processing, resulting in a more robust and interactive platform. This Web application can Handle 10,000 users at a time.
- Leveraged Django for rapid development and scalability, and SQLite for efficient database management, while focusing on building strategic relationships with clients and partners. .

### Innovative Pvt Ltd

July 2024 – Oct 2024

Full Stack Developer Intern

Cheennai, TamilNadu

- Streamlined Moto Maintenance Hub by developing a web application, improving data handling for tracking vehicle details, maintenance schedules, and usage history by 30(↑) efficiency.
- Enhanced backend performance using Django ORM, achieving 40↑ faster database operations with robust database management and reusable templates.
- Optimized storage and retrieval of vehicle records and maintenance logs by leveraging SQLite, ensuring 20(↑) improvement in data processing accuracy. .
- Boosted user engagement with a responsive UI designed using HTML/CSS and interactive JavaScript elements, improving usability and interface responsiveness by 25(↑) .

## Projects

Hacker Earth Plagiarism Checker | Python, Django, Google Cloud Console, Fronend Tools.

Oct 2024

- Many students copy the code of each other, making it difficult for mentors to monitor the answers Web Scraping is used to fetch the latest attempts of the users.
- All the latest attempts are stored in the MySQL Database.Integrated robust plagiarism detection algorithms to analyze and compare text content, providing accurate results and reducing false positives. (Project link)

AI Chatbot | Data Structure and Algorithms, Advanced Python.

Nov 2024

- Developed a Python chatbot using ChatterBot, incorporating BestMatch and TimeLogicAdapter to handle user queries and provide accurate responses.
- Trained the chatbot with dialog data to improve accuracy and automate interactions, enhancing customer engagement and real-time support. (Project link)

## Technical Skills

Languages: Python, HTML/CSS, JavaScript.

Databases: MYSQL, SQLite.

Developer Tools: VS Code, Anaconda, Google Colab.

Technologies/Frameworks: Git, GitHub, NumPy, Pandas, Django.

## Education

Bharath University

Sep. 2022 – Excepted in 2026

Bachelor of Technology in Electronics and Communication Engineering - CGPA: 8.06

Cheennai, TamilNadu.

## Extracurricular / Certifications

IBM: Advanced Python Programming. (View Credentials)

ISRO: Artificial Intelligence and Machine Learning. (View Credentials)

Walmart Global Tech: Advanced Software Engineering. (View Credentials)

Cisco: Advanced Data Structures and Algorithms, IOT. (View Credentials)