

# Parsha Uday

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## EDUCATION

### G.V.P College of Engineering (A)

B.Tech in Computer Science & Engineering — CGPA: **8.98/10**

Visakhapatnam

Nov 2022 – May 2026

## EXPERIENCE

### Technology Software Development Job Simulation — Citi (Forage)

May 2025

Remote

- Analyzed real-world FinTech workflows and planned system state diagrams to model transaction lifecycles.
- Authored structured feature proposals outlining functional requirements, scalability constraints, and business impact.
- Interpreted and visualized live datasets using analytical techniques to support data-driven decision-making.

## PROJECTS

### Smart Donation Platform for NGOs [GitHub]

*React.js, Node.js, Express.js, MongoDB, Python, ML*

- Developed a scalable **MERN**-stack platform with **JWT-based role authentication**.
- Executed real-time donation tracking and automated impact reporting dashboards.
- Applied **ML-based anomaly detection** to identify suspicious donation patterns.

### Insurance Lead Conversion Prediction System [GitHub]

*React.js, Node.js, Express.js, Python, Scikit-learn*

- Built a machine learning–driven lead scoring system using **supervised models**.
- Implemented preprocessing pipelines and trained ensemble classifiers.
- Integrated predictions into a MERN-based web interface via Python microservices.

### Job Application Assistant [GitHub]

*Python, Streamlit, NLP, Transformers*

- Designed a resume–job description analysis tool using NLP pipelines.
- Integrated **Hugging Face Transformers** for summarization and cover letter generation.
- Implemented ATS skill matching and resume parsing workflows.

### Online Food Ordering & Restaurant Management System [GitHub]

*React.js, Node.js, Express.js, MongoDB*

- Built a full-stack food ordering platform with secure authentication.
- Designed **RESTful APIs** for order processing and real-time tracking.
- Optimized admin dashboard for restaurant and order management.

## TECHNICAL SKILLS

**Languages & Analysis:** C++, Java, Python, JavaScript, SQL, OOP, Data Structures

**Development & Testing:** React.js, Node.js, Express.js, Postman, MongoDB

**Tools & Processes:** Git, GitHub, Vercel, VS Code, Linux

**Core Coursework:** DBMS, Operating Systems, Computer Networks, Machine Learning

## HONORS AND ACHIEVEMENTS

- **AIR Rank 357** — TCS CodeVita among **100,000+** participants.
- **Competitive Programming Excellence** — LeetCode Rating **1703**, CodeChef **2-Star**.
- Participated in multiple **hackathons** and **technical competitions**.

## CERTIFICATIONS

- **Front End Web Developer Certification** — Infosys Springboard [[Credential](#)]
- **AI-ML Virtual Internship** — AICTE [[Credential](#)]
- **Foundations of AI** — Microsoft Initiative (Edunet Foundation, AICTE) [[Credential](#)]
- **Fundamentals of C++** — IBM (edX Verified Certificate) [[Credential](#)]