

## Atchuta Kumar Jommala

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### Projects

#### Rohit Cares Management System (RCMS) | MERN Stack

February 2025-Present

- Developed the Rohit Cares Management System using MERN for property rental management.
- Implemented automated invoice generation using Node.js, and MongoDB.
- Integrated Excel-based data uploads for rent and utility management using Multer, xlsx, and MongoDB.
- Designed a secure authentication system with JWT, bcrypt.js, and MongoDB
- Optimized performance with efficient RESTful APIs and React-based UI with Tailwind CSS.
- GitHub Repository Link: <https://github.com/Atchuuu/RCMS>

#### Dev-A / Python

November 2024-December 2024

- Built a gamer-persona chatbot using Hugging face API for interactive conversations
- Trained an AI Model Qwen 2.5 to simulate real-time banter and insights.
- Integrated NLP to make it engage while having interactions.
- GitHub Repository Link: <https://github.com/atchuuu/DEV-A>

#### Sentiment analysis on Twitter data | Python Libraries:

September 2024-October 2024

- Developed a sentiment analysis model for classifying tweets (positive, negative, neutral).
- Achieved 83% accuracy using NLP techniques, machine learning algorithms, and feature extraction.
- GitHub Repository Link: <https://github.com/Atchuuu/Sentiment-Analysis-Twitter>

### Certificates

#### • Summer Training on Competitive Programming,

May 2024-June2024

*Hitbullseye — Certificate Link*

#### • Introduction to MongoDB,

June 2024

*MongoDB University — Certificate Link*

#### • Mastering DSA with C and C++,

January 2024-April 2024

*Udemy — Certificate Link*

### Technical Skills

**Languages:** HTML & CSS, Python, Go, C++, Java, JavaScript

**Libraries/Frameworks:** ExpressJS, NodeJS, React.js, Tailwind CSS, Machine Learning Libraries

**Tools:** MongoDB, JWT, bcrypt.js, Multer, xlsx, Twilio API, DigiLocker API

**Skills:** MERN Stack Development, RESTful APIs, Authentication & Security, Database Management, Invoice Automation

### Achievements

**Research Paper:** Published a paper on "Optimization Algorithms for Sorting" in the University Technical Journal.

**Organized a Successful Tech Event with College Club TechStack:** Led planning & execution, raising over ₹3 lakh from the event.

**Dean's Top 10% Student:** Recognized for academic excellence and active participation in extracurricular activities

**Completed a Comprehensive DSA Camp:** Gained in-depth expertise in Data Structures, Algorithms, and problem-solving techniques.

**Campus Ambassador, Kinghills Travels (June 2024 - December 2024):** Increased sign-ups by 20%, organized events, and generated over ₹1 lakh in sales.

### Education

#### Lovely Professional University Punjab

2022 – 2026

*Computer Science and Engineering — CGPA: 8.03*

*Phagwara, Punjab*

#### Aakash Educational Institute

2020 – 2022

*12th with Science — Percentage: 84.40%*

*Visakhapatnam, Andhra Pradesh*

#### De Paul School

2019-2020

*10th with Science — Percentage: 80.20%*

*Visakhapatnam, Andhra Pradesh*