

ANANDA GOPAL REDDY MANNE

+91 7989805745 | anandagopalreddym@gmail.com | Nandyal, Andhra Pradesh, 518501
| [\[LINKEDIN\]](#) | [\[GITHUB\]](#)



PROFESSIONAL SUMMARY

B.Tech Computer Science and Engineering student with a strong foundation in Java, Python, and building efficient APIs using FastAPI. Possess foundational knowledge in AI/ML and AWS cloud computing. Skilled in Data Structures and Algorithms, with hands-on experience in developing real-world solutions powered by intelligent technologies. A quick learner, highly adaptable, and committed to continuous personal and professional growth.

EDUCATION

Annamacharya Institute of Technology and Sciences

[2022-Expected 2026]

- Bachelor of Technology (B.Tech) in Computer Science and Engineering, **CGPA : 9.04**
Rajampet, Andhra Pradesh

SKILLS

- Programming:** Python, Java, Data Structures and Algorithms
- Databases:** Sql
- Libraries/Frameworks:** NumPy, Pandas, Matplotlib, Scipy
- Tools/ Technologies:** Jupyter Notebook, GitHub, Visual Studio Code
- Soft Skills:** Teamwork, Adaptability, Time Management, Patience
- Languages:** English, Telugu
- AI Utilization:** Effective use of AI tools to automate tasks, enhance productivity, and build impactful, real-world solutions.

INTERNSHIP EXPERIENCE

Software Engineering Intern | CodeTru, Hyderabad, Telangana

[APR-JULY 2025]

- Technologies Used:** FastAPI, Python, PostgreSQL, SQLAlchemy, Pydantic, JWT, Alembic, Unit Testing
- Developed a **Reminder System** with dynamic time-based snooze functionality, handling over 1000 notifications with 90% accuracy and ensuring reliable scheduling logic. [\[LINK\]](#)
- Built an **Authentication & Authorization System** using secure token-based access (JWT), achieving 95% session stability and preventing unauthorized access. [\[LINK\]](#)
- Implemented database migrations (15+ with Alembic), applied 100% input validation using Pydantic, and wrote unit tests covering 7+ endpoints to ensure reliability and maintainability across both systems.

PROJECTS

Academic Projects:

Travel Booking Platform (Buses & Hotels)

- Developed a **web-based platform** enabling users to search, filter, and book buses and hotels within a single integrated system, supporting **200+ listings**.
- Implemented booking management features including availability checks, reservations, and cancellations, achieving **90%** accuracy in test cases and reducing booking time by **35%**.

Calculator Application using Data Structures

- Developed a calculator capable of handling **100+** complex arithmetic expressions using core data structures like **ArrayList, Queue, and LinkedList**. [\[LINK\]](#)
- Implemented custom logic for accurate parsing and evaluation of over **95%** test cases, ensuring efficient and structured computation.

Hackathon Projects:

Handwriting Recognition System Using AI and ML

- Developed a **web-based handwriting recognition system** achieving **92% prediction accuracy** using a **TensorFlow CNN model** served through a **Flask backend** for scalable deployment.
- Built an **interactive frontend** with **HTML, CSS, and JavaScript**, enabling over **500+ real-time predictions per session**, where users can draw digits or characters on a canvas and receive responses in **under 1 second** via efficient API integration.

ACHIEVEMENTS AND EXTRACURRICULARS

- Secured **1st Prize** in a 2- days **CODECRAFT Hackathon** among 40 teams, as part of a 5-member team.
- 1st Prize** in coding competitions: 1st-year (among 100+ participants) and 2nd-year (among 180+ participants).
- Student Coordinator in Institution Innovation Council (IIC) at AITS, organized events like CODEZEN-2K24 AND CGR TALENT MEET.

CERTIFICATIONS

NPTEL: IOT, The Joy Of Computing Using Python

HACKERRANK: Python [\[LINK\]](#), Sql [\[LINK\]](#), Java [\[LINK\]](#)

CODECHEF: Linked Lists [\[LINK\]](#), Searching and Sorting [\[LINK\]](#)