

# AIKA TARUNKUMAR

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✉ tarunkumartakshye833@gmail.com | ☎ +91 9381057706 | Eluru, Andhra Pradesh

## Professional Summary

Enthusiastic Computer Science Postgraduate with a solid foundation in programming, databases. Proficient in Java, Python, and SQL, with hands-on exposure to web technologies and software development practices. A quick learner with strong problem-solving skills, eager to apply technical knowledge to deliver innovative IT solutions and grow within a dynamic technology-driven organization.

## Education

M.Sc. (Computer Science), AV College of Arts, Science and Commerce — Expected in 2025

B.Sc. (Computer Science), Sir C R Reddy College — 8.8 CGPA | 2023

Intermediate, Board of Intermediate Education — 65 % | 2020

SSC, Secondary School Certificate — 9.2 CGPA | 2018

## Technical Skills

Programming: Advanced Java, Python

Web Development: HTML, CSS,

Database: Oracle SQL

Productivity Tools: MS Office, GitHUB

## Experience & Projects

### Machine Learning Algorithms for Unbalanced Dataset – Datapoint

- The project focuses on using machine learning algorithms to predict employee promotions.
- The study evaluates several machine learning algorithms, including Support Vector Machine (SVM), Artificial Neural Network (ANN), and Random Forest, to predict promotions.

### NLP Project – Codegnan

- Designed and implemented NLP pipelines for text preprocessing and classification.
- Improved sentiment classification accuracy by 15% using optimized preprocessing techniques.
- Delivered findings in technical presentations, strengthening communication and reporting skills.

### Community Service Project – Team Lead

- Directed a 5-member team to raise awareness of healthy food habits, reaching 100+ individuals.
- Coordinated data collection and created structured presentations for stakeholders.
- Enhanced leadership, documentation, and public speaking skills through project execution.

## Certifications

- Python, HTML & CSS — Udemy
- Core Java Training — Besant Technologies
- Web Development — AV college

## Leadership & Activities

- Strong leadership and teamwork skills — proven as College Basketball Captain
- Effective time management