

# Nikhitha kaniyampati

 9392232914 |  nikhithakaniyampati@gmail.com  
 LinkedIn: [linkedin.com/in/nikhitha](https://linkedin.com/in/nikhitha)  
 GitHub: <https://github.com/Nikhitha>

## CAREER OBJECTIVE

Motivated B.Tech student specializing in Artificial Intelligence and Machine Learning, seeking an entry-level role to apply skills in data analysis, machine learning, and software development while contributing to real-world projects and organizational growth.

## TECHNICAL SKILLS

**Programming Languages:** C, Python, Java (Basics), SQL

**Web Development:** HTML, CSS, JavaScript

**Backend & APIs :** PHP, REST API Integration

**Machine Learning & AI:**

- Data Preprocessing, Feature Engineering
- Predictive Modeling, Time-Series Forecasting
- Model Evaluation, Explainable AI
- NLP: PII Detection, Text Classification, Document Redaction
- Computer Vision: Object Detection, OCR

**Libraries & Frameworks:** Pandas, NumPy, Scikit-learn, TensorFlow, spaCy, Regex

**Tools & Platforms:** YOLOv8, Roboflow, Tesseract OCR, Power BI

**Databases:** MySQL, Microsoft SQL Server

**Cloud & DevOps:** AWS (Basics), Docker

**Version Control:** Git

## PROJECTS

### PII Detection Web App

2025

- Built a web-based application to detect Personally Identifiable Information from uploaded documents using Regex and ML-based text classification.
- Implemented automated redaction and real-time alerts to ensure secure data handling.

### Talking Bot

2024

- Created a multilingual translator bot with text input/output in languages like English, Telugu, Hindi, Spanish, and French using language APIs.

### Steel Price Prediction

2025

- Developed a machine learning model to predict future steel prices using historical data trends.
- Helped simulate procurement decision-making by forecasting optimal buying periods.

## INTERNSHIPS

### AWS Solutions Architecture Virtual Experience – Forage

2024

- Designed scalable cloud architectures in a simulated AWS environment.
- Applied core AWS concepts including compute, storage, and security best practices.

**Technical Intern – Transaction Analysts India Private Limited****2025**

- Worked on Merchant Onboarding Application and MIS Portal.
- Analyzed historical steel price data to support procurement and planning decisions.

**ARTIFICIAL INTELLIGENCE Intern – AIMER Society****2025**

- Gained hands-on experience in AI concepts, data visualization, and object detection.
- Used tools such as YOLO, Roboflow, and Power BI.

**Cloud Computing with DevOps – BlackBucks****2025**

- Trained in AWS, Docker, and CI/CD fundamentals.
- Working with AWS services, Docker containers, and CI/CD pipeline fundamentals.

**POSITIONS OF RESPONSIBILITY**

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- Active Member, Computer Society of India (CSI), SRKR Engineering College (2023–2025)
  - Active Member, ACE – Association of Computer Engineers
  - Basketball Player, SRKR Engineering College (2023–2025)

**EDUCATION****Sagi Rama Krishnam Raju Engineering College, Bhimavaram****2022 - 2026**

- Bachelor of Technology-Artificial Intelligence and Machine Learning
- CGPA: 8.59

**Sri Viveka Junior College, Kandukur****2020 - 2022**

- Intermediate | MPC
- GPA: 76.9

**Sri Chaitanya Techno Circulum, Kandukur****2019 - 2020**

- SSC
- GPA: 98

**SOFTSKILLS**

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- Good at Communication skills
  - Time Management
  - Creativity
  - Quick and Enthusiastic to learn adoptable to my domain

**CERTIFICATIONS**

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- Introduction to Cybersecurity – Cisco Networking Academy, 2022
  - Data Mining – NPTEL (SWAYAM), 2023
  - TCS iON Career Edge – Young Professional, 2025
  - AWS Solutions Architecture Virtual Experience – Forage