

# Jangam Chenchu Gokul

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## Professional Summary

A highly motivated and detail-oriented software developer with a strong foundation in Python, Java, and cloud technologies. Experienced in designing and developing web applications, integrating APIs, and implementing machine learning models. Knowledgeable in the complete software development life cycle (SDLC), with a focus on building reliable and efficient solutions. Eager to apply problem-solving abilities and technical skills to contribute effectively to software development teams and projects.

## Education

**Sree Rama Engineering College, JNTU University**

Tirupati, India

*B.Tech in Computer Science Engineering, GPA: 78%*

2021 – 2024

**Diviseema Polytechnic College**

Avanigadda, India

*Diploma in Electrical and Electronics Engineering, GPA: 90%*

2018 – 2021

**Prasana Bharathi High School**

Tirupati, India

*10th Grade, SSC, GPA: 10.0*

2017 – 2018

## Skills & Abilities

**Programming Languages:** Python, Go, Java, HTML, CSS, and JavaScript

**Frameworks:** Django, Flask

**Databases:** MySQL, SQLite, PostgreSQL

**Tools & Technologies:** AWS (EC2, S3), Docker, Kubernetes, Git, REST APIs, debugging, Jenkins

**AI/ML:** Machine learning, Pandas, NumPy, Scikit-learn, TensorFlow

**Software Development:** SDLC, Agile Methodology, Debugging, Version Control(GitHub)

**Concepts:** Algorithms, Data Structures, Object-Oriented Programming (OOP), problem-solving, Data analysis

## Projects

### Crime Prediction System Through Machine Learning

Python3, CSS, HTML, Django, SQLite, Pandas, ML

- I have Developed a web application using Django to predict crime rates, integrating machine learning models for analysis.
- Implemented APIs for data retrieval and visualization, improving error margin predictions by 15%
- Utilized SQLite for efficient data storage and managed 500,000+ data points.

### Patient Health Analysis Using Machine Learning

JavaScript, CSS, HTML, Django, SQLite, Python3, ML

- Designed a system to analyze patient health metrics and predict outcomes using Scikit-learn.
- Created RESTful APIs for seamless integration with front-end components.
- Achieved 90% model accuracy, enhancing healthcare decision-making.

## Interests

- Continuous Learning, Developing Scalable Python Applications, Blockchain Technologies, Experimenting with AI-driven blockchain solutions and decentralized systems.

## Certifications

- Data Analytics with Python (NPTEL)
- Cloud Computing (NPTEL)
- Programming in Java (NPTEL)

## Internships

- **Application Developer Intern (April 2023 – June 2023)** at Young Minds Technology Solutions Pvt Ltd
- **AI and ML Virtual Intern (Skill Development Program) (Jan 2024 – March 2024)** at Google (AICTE)