

# 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. Experience 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. Interested in applying problem solving abilities and technical skills to effectively contribute to software development teams and projects.

## Education

### Sree Rama Engineering College, JNTU University

*B.Tech in Computer Science Engineering, GPA: 8.03*

Tirupati, India

2021 – 2024

### Diviseema Polytechnic College

*Diploma in Electrical and Electronics Engineering, GPA: 9.3*

Avanigadda, India

2018 – 2021

### Prasana Bharathi High School

*10th Grade, SSC, GPA: 10.0*

Tirupati, India

2017 – 2018

## Skills & Abilities

**Programming Languages:** Python(Django), JavaScript, Typescript, Java, HTML and CSS

**Databases:** SQL(MySQL, MS SQL server) and No-SQL(MongoDB)

**Tools & Technologies:** AWS (IAM, EC2, S3, Lambda, Cloud watch, SQS, Cloud-front and SAM), Docker, SharePoint, Git, REST Apis, debugging and Azure DevOps

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

**Software Development:** SDLC, SDLC Methodologies, Debugging, Logging, Version Control

**Concepts:** Algorithms, Data Structures, OOPS, Problem solving, Data analysis and System Design

## Projects

### Aptitude Application

Python, SQLite, Html and Django

- Developed a web-based Aptitude Quiz Application using Python, Django, SQLite, and HTML with real-time answer validation and scoring. Integrated a Django backend with SQLite for managing questions, user responses, and scoring.

### 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%. Using SQLite for efficient data storage and managed 500,000+ data points.

## Interests

Continuous learning and self-improvement, development of scalable Python applications, exploring blockchain technologies, experimenting with AI-driven blockchain solutions and decentralized systems, working with cloud technologies

## Certifications

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

## Internships

- Backend Developer(Intern) (April 2025 - Present)** at AntStack Technologies Private Limited, Bangalore.
- AI and ML Engineer(Internship) (February 2025 - April 2025)** at Sithafal Technologies, Tirupati.