


# ATIPAMULA CHAKRAVARTHI

Mangalagiri, Andhra Pradesh - 522503

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 catipamula  Live-Portfolio link

## Professional Summary

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Experienced Python Full Stack Developer skilled in Django, Machine Learning, and AI-powered solutions for building scalable web applications. Expertise in real-time data processing, analytics-driven platforms, and full-stack development to create high-impact solutions.

## Technical Skills

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**Language:** Python

**Business Intelligence Tool:** Power Bi

**Webtools/Frameworks:** HTML, CSS, Bootstrap, Java script, Git, GitHub, Django

**Database :** Mysqlite, Mysql

**Familiar with:** Datascience , Python Libraries

**Soft Skills:** Good Communication, Time Management, Team work, Leader ship, Punctuality

## Experience

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### Datavalley.Ai

05/06/2024

*Full Stack Python (Jr. Software Engineer)*

Vijayawada, Andhra Pradesh

Automated testing CI/CD: Enhanced automated testing services and Django-based CI/CD pipelines, streamlining code deployment, test execution, and result reporting for in-development products.

Data Science Machine Learning: Applied ML techniques to analyze test results, detect software bug patterns, and enhance predictive maintenance strategies using Python, Pandas, NumPy, and Scikit-learn.

Technical Training Automation: Conducted Full Stack Python Development training for students and automated Django test result aggregation using Python PowerShell, improving debugging and troubleshooting efficiency.

## Projects

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### Blockchain on E-Voting Done Right | *Python, Blockchain*

Apr 2024

Enhanced a secure e-voting system using blockchain to ensure voter privacy and election transparency.

**Tools and Technologies:** Ethereum, Smart Contracts, Solidity, Cryptographic Techniques

### House Loan Prediction | *Python, Machine Learning*

Aug 2021

Built a machine learning model using Kaggle's dataset to predict loan approval with 90% accuracy.

**Tools and Technologies:** Python, NumPy, Pandas, Scikit-learn, Matplotlib.

### DIY Crafting Website | *HTML, CSS, Bootstrap, JavaScript*

Feb 2025

Designed an interactive DIY crafting website with animations and responsive UI.

**Live Project Link:** DIY Crafting Website

### Zoom-Clone App | *HTML, CSS, JavaScript, Django, Channels, Redis, WebRTC*

Dec 2024

Enhanced a real-time video conferencing application with WebRTC, user authentication, and chat functionality.

## Education

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### St.Marys Group of institutions Guntur, chebrolu(7.53/67.84)

Jun 2020 - May 2024

*Artificial intelligence and Data science(Bachelor of Computer Science Engineering)*

Guntur, Andhra pradesh

### Narayana Junior College(81.1)

Jun 2019 Apr 2020

*M.P.C*

Mangalagiri, Andhra Pradesh

### Nirmala English Medium High school(7.8)

May 2018

*10th(SSC)*

Mangalagiri, Andhra Pradesh

## Certifications

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- A certification course on Power BI for Beginners from SimpliLearn. 19th Sept 2024
- A certification course on Full stack Development From Datavalley.AI Feb-May2024
- A certification badge on "PYTHON101(PYTHON WITH DATA SCIENCE)" conducted by IBM
- A certification badge on Microsoft Azure AI Fundamentals certification NO: I723-3524 April 2023
- A certification course on Salesforce Developer from APSICHE. Aug-Oct 2022