

Madhu Bagamma Gari

Full Stack Python & Generative AI Developer

Full Stack Python & Generative AI Developer with 2.9 years of experience in Python development, AI-driven solutions, and full-stack web applications. Skilled in building **agentic AI** systems, **LLM assistants**, **REST APIs**, and scalable apps using **Django**, **React**, **LangChain** and **LangGraph**.

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WORK HISTORY

Full Stack Python & Generative AI Developer DTSkill

09/2024 - Present

Remote

Tech company specializing in Generative AI and full-stack development, building AI agents, custom GPTs, and scalable backend systems.

Achievements/Tasks

- Developed and integrated Generative AI applications, including **agentic AI workflows** and LLM-powered assistants using **LangChain** and **LangGraph**.
- Built RESTful APIs with **Django** and **Django REST Framework** to support AI and standalone applications.
- Mentored junior developers and contributed innovative ideas to improve team projects and workflows.

Python Full Stack Developer TechFnatic Information Technology & Services

05/2023 - 09/2024

Bangalore, India

Full-stack software firm focused on project management and CRM tools to improve business workflows and team collaboration.

Achievements/Tasks

- Created backend RESTful APIs using **Django** and **Django REST Framework** as part of full-stack Python development.
- Collaborated on frontend development with **ReactJS** and **NextJS** to deliver seamless user experiences.
- Worked across **full-stack tasks**, bridging backend logic and frontend interfaces for project delivery.

Django Developer Simmi Foundation Organization

10/2022 - 01/2023

Remote

Nonprofit working on community development and social welfare, using tech and outreach to support underserved groups.

Achievements/Tasks

- Worked as a **Django/Python software developer**, leading **backend development** and version control using GitHub.
- Designed and implemented **user management** and other domain-specific APIs with Django REST Framework.
- Ensured **efficient backend** support for organizational projects by building scalable RESTful services.

EDUCATION

B.Sc Computer Science Rayalaseema University

06/2018 - 06/2021

Velgode, Andhra Pradesh, India

SKILLS

Python

Django & Django Rest Framework

Data structures

Web Scraping

React JS

Next JS

Tailwind CSS

Rest APIs

Django Channels

NLP

Pandas & Numpy

Machine Learning

Deep Learning

Generative AI

LLMs

LangChain & LangGraph

Agentic AI

AWS

Docker

Azure

PROJECTS

AI Agents with LLMs

- Built **intelligent AI agents using Large Language Models (LLMs)** to handle complex user queries and automate tasks. User can build their own custom agent and drop it on a crew and assign the tasks.

GPT Suite Like ChatGPT

- Developed a **ChatGPT-style application** with conversational capabilities, conversation history, and **custom AI behaviors**.

CustomGPTs

- Created **customizable GPT-based assistants** tailored for specific domains using fine-tuning and prompt engineering.

Project Management Software

- Built a full-featured **project tracking app** with task management, team collaboration, and timeline visualization.

Customer/Lead Management Software

- Developed a **CRM** tool for tracking leads, managing customer data, and streamlining sales workflows.

User Management System & Controller

- Engineered **robust user authentication**, **role-based access control**, and admin-level user operations using Django.

Geospatial Image Classification for Utility Detection

- Built a **deep learning model** to classify satellite map images for **detecting water bodies, pipelines, and structural utilities** for excavation planning.

Mentor Recommendation System using Resume Insights

- Developed a **recommendation engine** that suggests top 10 mentors based on semantic analysis of candidate resumes.