# 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.

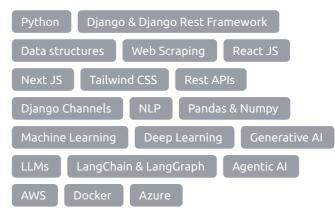
Achievements/Tasks

- 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

**SKILLS** 



#### **PROJECTS**

#### Al 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.