

# RAYANAGOUD NADAGOUDRA

## AI Engineer/ Python Developer

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### Profile Summary

I'm a product-minded engineer who cares about performance, accessibility and design. I enjoy turning fuzzy problems into polished, intuitive user experiences and shipping code that lasts.

Dynamic Python Developer delivering enterprise-grade backend solutions and intelligent automation systems. Expert in leveraging AI technologies to build scalable applications that transform business operations, enhance efficiency, and achieve measurable return on investment.

### Core Expertise

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- **Backend Development:** Python, Django, Flask, REST APIs, Microservices, Fast API.
- **Cloud & DevOps:** Docker, CI/CD, AWS, GCP, OVH, Conda.
- **Emerging Technologies:** MCP, Open AI, LLM, Agentic AI, Gen AI, RAG, Machine Learning.
- **Databases:** MySQL, NOCODB, PostgreSQL, MongoDB

**Additional:** PDF to image conversion, text extraction from images using Tesseract, data extraction.

### Professional Experience

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#### ***Vsplash Techlabs Private Limited– Hyderabad, TG***

***July 2025 – Present***

**Python Developer - III | Clients:** Internal Project, **Godaddy** | R & D and Automation Team

- Developed an **intelligent scoring system** that evaluates customer requirement quality based on completeness and precision of submitted fields
- Implemented automated tier assignment algorithm enabling managers to accurately **estimate project timelines** and identify potential conflicts.
- Built and deployed a **unified platform** where we can keep all AI tools using Django and MongoDB.
- Seamless data migration processes with optimized configurations, **reducing operational costs**.
- Streamlined tool management and accessibility across the organization.

#### ***Deep Cognition India Pvt. Ltd – Bengaluru, KA***

***May 2023 – July 2025***

**Product Name:** Paperentry | **Clients:** Cargowise, NetCHB, MercureGate

**Associate Software Engineer, Customer Success Engineer**

- Configured MCP server with Claude Sonnet to get the monthly reports.
- Enhanced the Technologies of the PaperEntry application using Django, LLM and OpenAI.
- Developed REST APIs and microservices using Python (Flask) to process single and batch PDF documents, delivering extracted data in JSON/XML formats with reprocessing capabilities.
- Deployed third-party system called **Uptime Kuma** monitoring and alerting.
- Implemented automated API testing and improved release reliability and QA efficiency.
- Developed automated deployment pipelines using CI/CD tools, Docker, and infrastructure automation to ensure seamless delivery.
- Implemented system integration between **Customer softwares** and **PaperEntry**, enabling seamless data flow between platforms.
- Automated cost-efficient blue-green deployment and automatic upgrade Instance with Recipe management with data migrations.

#### ***Profinch Solutions Pvt Ltd. – Bengaluru, KA***

***Jul 2022 – May 2023***

**Software Consultant | Clients:** Internal Project

- Developed a CRUD REST API using Flask with clean and modular code structure.
- Added authentication, error handling, and validation for secure and reliable API usage.
- Containerized and deployed the API using Docker and GCP, with Postman documentation for testing.
- Added **JWT authentication**, role-based access control, and secure password hashing to protect API endpoints.