

Rustam Singh

Python & AI Developer

Orai, Uttar Pradesh, India

GitHub: github.com/ItzRustam

Email: rustambhadouriya7@gmail.com

Professional Summary

AI and Python developer focused on building custom machine learning systems, Transformer architectures, LLMs, automation tools, and intelligent assistants from scratch. Experienced in developing advanced Python projects including custom LLM implementations, ML libraries, AI chatbots, and automation systems. Strong understanding of machine learning fundamentals, deep learning concepts, Linux environments, and scalable software architecture.

Technical Skills

- **Programming:** Python, C, C++, HTML, CSS
- **AI / ML:** Machine Learning, Deep Learning, NLP, Transformers, Neural Networks, LLMs
- **Libraries:** NumPy, Pandas, PyTorch, TensorFlow, Scikit-learn, Matplotlib
- **Tools:** Git, GitHub, Linux, VS Code, PyCharm, Jupyter Notebook

Featured Projects

Custom Transformer LLM

Built a complete Transformer-based language model from scratch using Python with tokenization, embeddings, self-attention, training pipeline, and autoregressive inference.

rslearn-ml

Developed a custom machine learning framework inspired by scikit-learn with modular architecture, preprocessing tools, evaluation systems, and reusable APIs.

Rusky Discord Bot

Powerful Discord bot, for server management, contains everything to manage a Discord server.

AI Virtual Assistant

Built a Jarvis-style AI assistant with voice commands, automation, chatbot functionality, and Linux integration.

Services

- AI Chatbot Development
- Python Automation
- Machine Learning Projects
- Custom AI Assistants
- Discord Bot Development
- NLP Systems
- Linux Automation
- Debugging Tools

Education & Certifications

- Google AI/ML Course Graduate
- Google LLM Course Graduate

Strengths

- Strong problem-solving skills
- Ability to build systems from scratch
- Strong understanding of AI/ML concepts
- Experience with Linux environments and developer tooling
- Focus on scalable architecture and clean implementation