

SHOMAY SINGH PARIHAR

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Summary

BCA student from Amity University, Noida and specializing in Artificial Intelligence, Machine Learning and Generative AI. Practical experience with machine learning pipelines and LLM fine tuning experiments, NLG and multimodal AI systems. Know the principles of parameter-efficient fine-tuning techniques, popular libraries, and frameworks such as Python, PyTorch, scikit-learn, and Hugging Face Transformers. Excited about Artificial Intelligence research work, model evaluation and bringing down meaningful AI applications towards solving real world problems.

Professional Experience

AK Online Pvt., Software & AI Automation Engineer , Intern 05/2026 – Present
Co-building an AI-powered Instagram automation SaaS that helps businesses automate replies, manage engagement, and streamline communication using AI workflows and Meta API integrations. Gurugram, UP

AK Online Pvt., AI Engineer, Intern 03/2026
AI Engineer specializing in AI agents, multi-agent systems, and autonomous task-solving architectures using LLM frameworks and automation pipelines. Gurugram, UP

Education

Amity University Noida, Bachelors in Computer Application 09/2024 – Present
Taking BCA in the Amity University, Noida focusing on Artificial Intelligence, Machine Learning, Deep Learning, and Generative AI and hands-on experience with LLM, Techniques of fine-tuning. Noida , UP

Kendriya Vidyalaya S.S.B Gwaldam, Intermediate Gwaldam, UK
Scored 77% in completed class XII - Physics, Chemistry, Mathematics, Computer Science (PCM + CS).

Kendriya Vidyalaya S.S.B Gwaldam, High School Gwaldam, UK
Completed High School at Kendriya Vidyalaya, Gwaldam, Uttarakhand with 72% overall marks as an average.

Skills

Programming Language

- Python
- Java
- HTML , CSS , JAVASCRIPT
- DBMS
- Bash/Zsh

Tools

- Github
- Antigravity
- Openclaw
- VsCode
- Anaconda-Navigator
- Jupyter Notebook
- Colab

AIML

- SCIKIT-Learn
- LangChain
- VectorDB
- Pytorch
- TensorFlow
- PEFT

SoftSkill

- Time Management
- Group Work

Languages

English

Hindi

Certificates

Data Science

Here i explore ML,DL and NLP

Projects

HotTea , <i>Privacy-First AI Browser & Research Workspace</i> An open-source, privacy-first AI browser and research workspace built with Flutter. Unifies web browsing, AI assistance, evidence-backed research, local LLM inference, and encrypted personal .tea vaults into one cross-platform application.	09/2026 – Present
UniAssist , <i>Academic Study Companion & Intelligence Platform</i> A Retrieval-Augmented Generation (RAG) chatbot that helps students understand academic materials through dense document indexing, semantic vector search, and high-speed Groq-powered LLM generation	09/2026 – 09/2026
ReplyNest , <i>Instagram Automation Platform & Messaging Infrastructure</i> An Instagram automation platform designed to help businesses automate conversations and customer engagement through Meta's Graph APIs, featuring comment-to-DM triggers, keyword rules, and containerized microservices	05/2026 – 08/2026

Duezy, *AI-Powered Payment Collection & Recovery Platform*

10/2026 – Present

An AI-driven payment recovery and invoice collection platform featuring an authoritative FastAPI double-entry ledger backend, conversational installment negotiation agent, Razorpay webhook verification, and multi-platform Flutter app