

SACHIN PANDEY

☎ +91 7303902434 | ✉ sachinpandey7303@gmail.com | in [Sachinpandey](#) | 🌐 [Mrx-Sachin](#) | [CodeChef](#) | [Portfolio](#)

EDUCATION

Bennett University

B.Tech Computer Science and Engineering | CGPA: 8.2

Greater Noida, Uttar Pradesh

September 2021 - June 2025

SKILLS

Languages: Python, C++/C, BASH, Batch (PowerShell), LINUX, Cloud (CLI), Git

Development Tools: AWS, GCP, Docker, K8s, Github, Terraform, GitLabs, MySQL, Streamlit

CS Fundamentals: DSA, Shell Scripting, Operating System, Linux, Computer Networks, CI/CD, Competitive Programming

Soft Skills: Creative Thinking, Project Management, Leadership, Teamwork and Collaboration

AWARDS AND ACHIEVEMENTS

Achievement: Winner of **Smart India Hackathon** (Nov 2023 by MoE's INNOVATION CELL, Government of India)

Academics: Recognized as a **3-Star** Coder at CodeChef

PROFESSIONAL EXPERIENCE

Machine Learning Intern at Crescer AI

June 2024 - Present

- Collected and cleaned open-source datasets, developing **automation scripts** that reduced data aggregation time by 30
- Set up infrastructure tools like **ClearML** and **Potree** for seamless experiment tracking and point cloud visualization.
- Streamlined workflows for model training and evaluation, leading to improved efficiency in processing large-scale bathymetric datasets.
- Gained hands-on experience in data annotation, infrastructure management, and fine-tuning machine learning models, contributing to real-world applications.

PROJECTS

[Local-LLMChatbot](#) | Python, Streamlit, GPT4ALL |

Ongoing

- Developed a privacy-aware chatbot, fully optimized for both **CPU** and **GPU** usage, achieving a 4X faster runtime on GPU (if available) and operable without internet access.
- Utilized models ranging from 3 billion to 13 billion parameters, with over 20 free models available for use, ensuring flexibility and scalability.
- Optimized for accessibility, with the lightest model requiring only 1-2 GB of RAM, enabling seamless operation on any CPU.

[Ewise](#) | Python, Streamlit, Flask |

November 2023 - December 2023

- Accomplished a **1st place ranking nationwide** in the Smart India Hackathon by developing EWISE, a Python-based platform aimed at revolutionizing e-waste management.
- Enhanced awareness and engagement with e-waste management by implementing personalized assessments, resulting in a 30% reduction in improper disposal practices.
- Established a rewards system, encouraging users to connect with nearby recycling centers, thereby promoting sustainability and supporting a zero-emission future.

[LocalGPT](#) | Python, Bard API, Pyperclip, Plyer, Tkinter |

January 2023 - February 2023

- Accomplished a 50% increase in productivity for users by developing LocalGPT, a Python script enabling instant querying of Bard for answers to questions, triggered by a shortcut key.
- Boosted productivity by reducing query time to mere seconds, as users no longer need to type queries or visit websites, with the capability to search directly from the terminal.
- Achieved seamless usage with a **100% free** installation guide, offering step-by-step instructions on setting up Python, installing required libraries, and configuring the environment.

CERTIFICATIONS

[CI/CD on Google Cloud](#) (Google Cloud)

[Implement DevOps in Google Cloud](#) (Google Cloud)

[AWS Academy Cloud Foundations](#) (AWS)