Kolakalapudi Abhiram Reddy

B.Tech CSE Undergraduate, SRM Kattankulathur
Chennai, India

k.abhiram9999@gmail.com
+91-8331823668
linkedin.com/in/kabhiramreddy28
github.com/abhirambuilds

EDUCATION

Degree	Specialization	Institute	Year	GPA
B.Tech	Computer Science & Engineering	**SRM Institute of Science & Technology, Kattankulathur (KTR)**	2024–2028	9.40
HSC (BIEAP)	Physics, Chemistry & Mathematics (MPC)	**FIITJEE Junior College**	2022–2024	8.52
SSC	—	**FIITJEE (EM) High School**	2022	8.38

PROJECTS

- **Offline Chatbot (Python, NLP)** **2025**
  - Trained on **40k+ Q&A** dataset; integrated a **math solver** and chat export feature.
  - Implemented preprocessing & inference pipeline; fully documented in GitHub repository.
  - Improved response accuracy and reduced lookup latency via optimized text search & cleaning.
- **Handwritten Digit Recognition (TensorFlow, Streamlit)** **2025**
  - Built a **CNN** achieving **~99%** accuracy on MNIST.
  - Deployed an interactive **Streamlit** web app for digit input and predictions.
  - Cut training time by 30% using tuned convolution blocks and early stopping.
- **Expense Tracker (Python Tkinter / Flask)** **2025**
  - Desktop/web app for **logging expenses**, **monthly summaries**, and **CSV export**.
  - Implemented secure user login & DB storage for transaction history.
  - Added auto-categorization of expenses to improve usability.
- **Portfolio Website (HTML, CSS, JavaScript)** **2025**
  - Designed and deployed a personal portfolio to showcase projects and resume.
  - Built responsive layout for mobile/desktop; added GitHub & LinkedIn links.
  - Deployed via GitHub Pages with custom README and sitemap.
- *Plus 8 mini-projects on GitHub: To-Do App, Calculator, Markdown Blog, Memory Matching Game, etc.*

CERTIFICATIONS & TRAINING

- **AI Mentorship Program** — Launched Global x Deevelo X *Jun–Jul 2025*
- **NPTEL** — Fundamentals of Object-Oriented Programming *Top 1% (Elite), 2025*
- **Udemy** — C Programming; Java Programming; Python Programming *2025*
- **HackerRank** — Python (Basic); SQL (Basic & Intermediate); CSS (Basic); JavaScript (Basic); Problem Solving (Intermediate) *2025*
- *In Progress (Sept–Dec 2025):* Machine Learning A–Z; Data Science Bootcamp; Deep Learning; Generative AI; LangChain; LLM Engineering

ACHIEVEMENTS / PARTICIPATION

- **Hackathons/Events:** Astral Web 2025; BOOT-CAMP HackPick 2025; Adobe Hackathon 2025 (participation).
- **Current:** Participating in Samsung PRISM 2025 and Smart India Hackathon 2025.
- **Academic:** NPTEL Elite (Top 1%) in Fundamentals of OOP.

TECHNICAL SKILLS

- **Languages:** Java, Python, C, C++, SQL, HTML, CSS, JavaScript
- **AI/ML & Data:** scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, Matplotlib
- **GenAI/LLMs:** LangChain, RAG, Prompt Engineering (in progress)
- **Web:** React, Node.js, Express, MongoDB, Flask
- **Tools:** Git/GitHub, VS Code, Docker, Streamlit