



BRIEF SUMMARY

As an aspiring AI Engineer and Software Developer, I specialize in designing and developing intelligent systems powered by Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG). I have hands-on experience in building scalable backend applications and AI-driven automation solutions that address real-world problems. I am analytical, detail-oriented, and focused on building reliable, maintainable systems while continuously learning and adapting to emerging technologies in the field of Artificial Intelligence.

KEY EXPERTISE

Python, MySQL, Flask, Git Version Control

LangChain, LangGraph, RAG, AI Agent Development, Backend API Development, Data Structures & Algorithms

EDUCATION DETAILS

Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Bachelor of Technology, Computer Science & Engineering

CGPA: 9.31/10 | 2023 – 2027

Shri Devi Ahilya Shishu Vihar, Indore (CBSE)

Class XII (Senior Secondary) – 2022

Percentage: 82%

S.I.C.A. Senior Secondary School, Indore (CBSE)

Class X (Secondary) – 2020

Percentage: 86.8%

AWARDS AND SCHOLARSHIPS

- Academic Achiever in all semesters.
- Was in top 1% **The Joy of Computing using Python** (NPTEL)
- Was in top 1% **Data Base Management System** (NPTEL)

INTERNSHIP

ISAIL | AI Engineer Intern | (Remote)

Nov, 2025 - Jan, 2026

Key Skills: AI Agents, LangChain, LangGraph, Python, REST API

- Built **LLM-powered backend AI agents** for **automated candidate assessment**, including **resume evaluation**, **ATS optimization**, and **project quality analysis**, exposed via clean **Flask APIs**.
- Developed an **end-to-end Resume Evaluation & ATS Resume Generator** that analyzes PDF/DOCX resumes using structured LLM pipelines and generates **ATS-friendly resumes (PDF output)** with actionable improvement feedback.
- Designed a **Project Evaluation AI Agent** to assess GitHub repositories by fetching repo metadata, documentation, and source code, applying **static analysis + LLM reasoning** to score **code quality**, **documentation**, **complexity**, and **job-role relevance**.

PROJECTS

🚦 **CampusAssist-AI Project** [\[LIVE\]](#)

Jan, 2026

Key Skills: LangChain, Firebase, ChromaDB, HTML, CSS, JavaScript

- Built a **full-stack AI-powered** campus helpdesk using **Retrieval-Augmented Generation (RAG)** (*implemented with **LangChain***) to answer student queries on college processes, notices, and faculty information.
- Implemented **secure authentication** with **Firebase Authentication (Email/Password, Google OAuth)** and **role-based access control (RBAC)** integrated with a **Flask backend** for **JWT token verification** and authorization.
- Developed a **RAG pipeline** using **LangChain** and **ChromaDB**, and deployed the application with a **decoupled frontend-backend architecture** using **Cloud Run**.

Key Skills: FastAPI, LangChain, Gemini API, Pandas, Matplotlib, Streamlit

- Developed an **AI-powered data analysis chatbot** using **FastAPI + LangChain (tool-calling agent)** integrated with **Gemini API**, capable of interpreting natural language queries and executing dynamic **Pandas-based computations**.
- Engineered a custom **Python execution tool** with **Matplotlib visualization pipeline**, enabling real-time generation of **bar, pie, line, and scatter plots** with structured analytical explanations.
- Designed a full-stack architecture with **Streamlit frontend**, **session-based conversational memory**, **multi-turn context handling**, **image serialization (base64)**, and **robust error recovery** for stable interactive data exploration.

ACHIVEMENTS

- Secured **Rank #52** on the official *GirlScript Summer of Code 2025 (GSSoC '25)* leaderboard with **282 contribution points**, placing among the Top Contributors nationwide.
- Earned the **Supercontributor Badge** in *Hacktoberfest 2025* for meaningful open-source contributions, including backend refactoring, modular architecture improvements, and bug fixes.

ASSESSMENT AND CERTIFICATION

1. The Joy of Computing using Python

Platform: NPTEL (IIT Madras – SWAYAM)

Score: 94%

Key Skills: Python Programming, Problem Solving, Computational Thinking

2. Data Base Management System

Platform: NPTEL (IIT Kharagpur – SWAYAM)

Score: 85%

Key Skills: Database Design, SQL, Normalization, Query Optimization

3. Programming with Generative AI

Platform: NPTEL (IIT Bangalore – SWAYAM)

Score: 82%

Key Skills: Generative AI Concepts, Prompt Engineering, AI Applications

EXTRA CURRICULAR ACTIVITIES

- Actively contributed to **open-source programs** including **GirlScript Summer of Code** and **Hacktoberfest**.
- Participated regularly in **competitive programming** contests across multiple platforms.
- Co-managed a **food stall** (Pizza & Fries) during the **college annual fest**, handling planning, coordination, budgeting, and customer management in a team environment.

PERSONAL INTERESTS / HOBBIES

- **Competitive gaming**, particularly strategy and action-based games that enhance decision-making and situational awareness.
- Exploring **Japanese animated series** and **storytelling**, with an interest in creativity, character development, and imaginative world-building.

PERSONAL DETAILS

- **Gender:** Male
- **Date of Birth:** 23rd July, 2005
- **Languages Known:** English, Hindi
- **Contact Number:** +91 8964849231
- **Strengths:** Adaptable, Quick Learner, Effective Team Player, Strong Communication Skills