

# Astha Singh

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## EDUCATION

**Vellore Institute of Technology, Bhopal**

*MCA - Master of Computer Applications*

**2024 – current**

*CGPA - 8.80*

**Mahatma Gandhi Kashi Vidyapeeth ,Varanasi**

*BSc - Bachelor of Science(Mathematics & CS)*

**2020 – 2023**

*Percentage - 64.67*

## TECHNICAL SKILLS

**Languages:** Python (EDA & API Integration) , JavaScript , Java , SQL


**Technologies/Frameworks:** LLM APIs(Open Router , Gemini API) , RAG , HTML5 , CSS3, React , Tailwind CSS, Shadcn

**Backend:** Prisma, Supabase

**Developer Tools:** GitHub , VS Code , Vercel

**Core Concepts** : OS, DBMS, Data Mining & Analysis ,OOPs


## PROJECTS

**GitGrade  AI-Powered GitHub Repository Analyzer |Next.js, TypeScript, GitHub Token, OpenRouter API**


- Built an AI-driven tool that analyzes GitHub repositories for code quality, documentation, Git practices.
- Implemented automated data extraction using GitHub APIs and generated AI-based summaries, scores, and improvement roadmaps using LLMs.
- Designed a scoring system to convert repository signals into structured evaluation metrics.

**Finance Expense App  | React , Next JS, Supabase, Tailwind, Prisma, Inngest, Shadcn UI**

- Developed a full-stack financial tracker using Next.js and Supabase
- Implemented PostgreSQL via Prisma ORM to generate dynamic financial reports based on expenditure and income.




**Ai- Resume Analyzer  /React , JavaScript, Puter.js, Tailwind CSS**

- Created a web application providing instant feedback and an ATS score to help users optimize their resumes for job descriptions. Utilized Puter.js to handle client-side file uploads and processing of PDF/DOCX resumes .


**EDA-MentalHealthReport  / Jupiter Notebook, Exploratory DataAnalysis**

- The primary objective was to determine how workplace environment and the availability of mental health resources influence an employee's willingness to seek treatment or talk about mental health problems.


## CERTIFICATIONS

- Oracle 2025 AI Foundations Associate 
- SAWIT.AI Learnathon – GUVI (HCL TECH)  | RAG-Based AI Chatbot Development 

## TRAINING/INTERNSHIP

- MS-AI Internship by AICTE  | 4-weeks

## ADDITIONAL

- Participated in GDGC TECH workshop 
- Attended India Space Lab Workshop ISRO 