

Balam Reneesh

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SKILLS SUMMARY

- Languages:** Python, C, C++, JavaScript, HTML & CSS, MERN
- Tools/Platforms:** Pandas, NumPy, Sickit-Learn, Matplotlib, Streamlit, Bootstrap, Tailwind, LangGraph, LangChain, FAISS
- Databases:** MySQL, MongoDB
- Soft Skills:** Friendly, Observant, Empathetic and helpful, Adaptable, Critical Thinking

PROJECTS

- Real-Time Statistics Dashboard | GitHub** Since Nov 2025
 - Engineering a real-time analytics dashboard to visualize and track key performance metrics through continuously updating live data streams.
 - Integrating ML frameworks with a robust backend architecture and optimized database pipelines to enable efficient real-time processing and analytics
 - Designing and implementing an intuitive Figma-based UI/UX and responsive frontend featuring carousel visualizations, to be deployed internally for company-wide insights.
Tech: HTML, CSS, Bootstrap, Tailwind, MERN, Python.
- Nutrifit AI - Personalized Fitness & Nutrition Assistant | GitHub** Jul 2025 - Aug 2025
 - Mastered Generative AI, LLMs, multimodal AI, and prompt engineering to build intelligent multi-turn chatbots using LangChain and Hugging Face Transformers.
 - Applied Retrieval-Augmented Generation (RAG) with LangChain and FAISS, integrating session memory for contextual and personalized recommendations.
 - Developed and deployed an interactive Streamlit web app with FastAPI backend APIs for real-time, low-latency responses.
Tech: Python, LangChain, Groq, FAISS CPU, Streamlit, Sentence Transformers, Git
- Game Stats Dashboard and Recommender | GitHub** Jun 2025 – Jul 2025
 - Built an interactive Streamlit dashboard to visualize and analyze game playtime data from uploaded Excel files with dynamic filtering and insights.
 - Designed a personalized recommendation engine using Groq API and LLMs (LLaMa 3 / Mixtral) to generate intelligent game suggestions.
 - Optimized data preprocessing pipelines and integrated interactive charts, enhancing accuracy, responsiveness, and user engagement.
Tech: Python, Streamlit, Pandas, NumPy, Groq API, Matplotlib, Excel

TRAINING

- AI-Powered NLP & Generative AI Training | Algo Tutor Academy** Jun 2025 –Aug 2025
 - Mastered Generative AI, LLMs, multimodal AI, and prompt engineering and built interactive apps and multi-turn chatbots using LangChain and Hugging Face Transformers.
 - Developed RAG systems with document loaders, vector databases (FAISS), and embedding-based search to support intelligent querying of PDFs, Word documents, and Excel files.
 - Built AI agents for automated research, summarization, and report generation, deployed production-ready GenAI applications with FastAPI, Docker, and cloud hosting (AWS/GCP/Render).
Tech: Python, Streamlit, Lang-Chain, Lang-Graph, Lang-Smith, Git/GitHub

CERTIFICATES

- Computer Networking | *Coursera* Sep 2024
- Responsive Web Design | *Free Code Camp* Aug 2023

ACHIEVEMENTS

- Co-CEO at AniCos Student Organization** Since Aug 2025
Advanced from Volunteer to Board Member to Co-CEO at AniCos Student Organization, showcasing leadership growth over two years.
- Hacker Rank** Since Aug 2023
Secured 5 Stars in various programming Languages.

EDUCATION

- Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; *CGPA: 6.91* Since Aug 2023
- FiitJee Junior College** Hyderabad, Telangana
Intermediate; *Percentage: 83.5%* Jun 2021 - Mar 2023