

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

IIITJEE Junior College

Hyderabad, Telangana

Intermediate; **Percentage: 83.5%**

Jun 2021 - Mar 2023