

GARIMA BHAYANA

AI/ML ENGINEER | FULL STACK DEVELOPER

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ABOUT ME

Dedicated programmer specializing in AI/ML (Artificial Intelligence and Machine Learning) and Full Stack Development. Proficient in Python, Java, React.js, Flask, and Node.js, with a strong foundation in Cloud Computing and Database Management. Passionate about leveraging technical expertise to solve complex problems and drive impactful projects.

SKILLS

- Programming Languages:** Python, Java
 - AI/ML:** Supervised & Unsupervised Learning, Neural Networks, Natural Language Processing (NLP), Computer Vision, Generative AI, Data Analysis
 - Web Technologies:** HTML, CSS, JavaScript, WordPress
 - Frameworks & Libraries:**
 - Frontend:** React.js, jQuery, Bootstrap, Tailwind CSS
 - Backend:** Node.js, Express.js, Flask, EJS
 - AI/ML:** Scikit-Learn, TensorFlow, Keras, PyTorch, OpenCV
 - Database Management:** SQL, PostgreSQL, MongoDB
 - Cloud Computing:** AWS
 - Version Control:** Git
 - Data Structures & Algorithms (DSA):** Proficient in Java
- Soft Skills:**

 - Creative problem-solving
 - Effective communication
 - Time management
 - Leadership and team collaboration

EXPERIENCE

AI Intern | AICTE | January - February 2025

- Crafted an AI-powered Medical Assistant during the AICTE Internship under Microsoft & SAP
- Implemented a Retrieval-Augmented Generation (RAG) system to process medical documents and provide accurate insights.
- Integrated multimodal LLM (Llama-3.2-90b-vision-preview) with Groq API for text and image-based query processing.
- Optimised knowledge retrieval with FAISS and Mistral LLM to enhance response accuracy.

Coordinator | Training and Placement Cell | October 2024 - Present

- Collaborated with HR professionals and peers to execute placement drives impacting 200+ candidates.
- Streamlined processes for applicant management and pre-placement activities.

Contributor | GirlScript Summer of Code 2024- Extended | October - November 2024

- Enhanced AI capabilities of existing applications, increasing user engagement.
- Designed visually compelling brand identities, boosting project visibility across GitHub and community forums.

Student Coordinator | Tech Mahindra Job Fair | September 2024

- Managed over 500+ candidates and facilitated batch allocation and token distribution for seamless recruitment.
- Coordinated with a team to ensure efficient event execution and positive candidate experience.

PROJECTS

RoadMap Generator

- Built an AI-driven roadmap generator using React and Cohere API to provide personalized learning paths based on user input.
- Included note-taking and PDF export features, improving usability for learners.
- Utilized full-stack expertise and AI integration for seamless learning path generation.

PeriodPal

- Developed a menstrual cycle tracker using React, enhancing user awareness of health and fertility.
- Implemented a calendar-based tracking system for improved usability and accessibility.
- Applied front-end and back-end skills for seamless performance and intuitive design.

Budget Manager

- Created a Streamlit-based budget management tool integrating machine learning models for anomaly detection and expense prediction.
- Achieved 90% accuracy in forecasting expenses using Scikit-learn.
- Provided actionable insights for saving opportunities, improving financial planning for users.

EDUCATION

Dr. Akhilesh Das Gupta Institute of Professional Studies (Affiliated to Guru Gobind Singh Indraprastha University)
Bachelor of Technology, IT GPA - 8.7
Salwan Public School
Class XII - 93.8 % Class X - 94.6 %

CERTIFICATIONS

IBM Watson and AI-ML - IBM	Web Development BootCamp - Udemy	Java Programming - Geeks for Geeks and Udemy
Data Structures and Algorithms - Geeks For Geeks	Postman API Fundamentals - Postman Academy	Cloud Computing with AWS - Internshala and NSDC