GARIMA BHAYANA

AI/ML ENGINEER | FULL STACK DEVELOPER

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ABOUT ME

Dedicated programmer specializing in AI/ML 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
Frameworks & Libraries: React.js, Node.js, Express, EJS, Bootstrap, Tailwind CSS, jQuery, Flask, Scikit-Learn, Tensorflow, Keras, PyTorch, OpenCV
Database Management: SQL, PostgreSQL, MongoDB
Cloud Computing: AWS
AI/ML: Supervised and Unsupervised Learning, Neural Networks, Natural Language Processing (NLP), Computer Vision, Generative AI, Data Analysis
Web Technologies: HTML, CSS, JavaScript, WordPress
Version Control: Git
Data Structures and Algorithms (DSA): 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+ registrations and facilitated batching 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.
- Leveraged end-to-end skills in front-end, back-end, and AI integration.

PeriodPal
- Developed a menstrual cycle tracker using React, enhancing user awareness of health and fertility.
- Included calendar-based tracking features, promoting ease of use 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 ML 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