

GARIMA BHAYANA

SOFTWARE DEVELOPER | AI/ML ENGINEER

+91 8287240001 | garimaabhayanaa@gmail.com | Delhi, India

garimabhayana.vercel.app | www.linkedin.com/in/garimabhayanaa

SUMMARY

Adaptable and results-oriented Software Developer with a strong grasp of Artificial Intelligence, Machine Learning, and Full Stack Development. Proficient in Python, Java, React.js, Node.js, and Flask, with hands-on experience in building scalable web applications, developing automation solutions, and integrating RESTful APIs. Skilled at translating complex problems into efficient, maintainable code with a focus on performance and user experience. Actively seeking challenging and innovative technical roles that foster continuous learning, creativity, and the application of cutting-edge technologies.

SKILLS

- Programming Languages:** Python, Java, C++
- 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

Software Development Intern | AICTE (in collaboration with EY GDS)

March - April 2025

- Engineered CoCreate, a real-time collaborative document editor with Socket.IO-driven live editing and role-based access control.
- Incorporated AI-powered assistance for content generation and text enhancement.
- Optimized database queries and WebSocket events, enhancing document loading speed by 30%.
- Deployed the frontend on Netlify and backend on Render, ensuring seamless real-time collaboration.

AI Intern | AICTE Techsaksham

January - February 2025

- Developed an AI-powered Medical Assistant during the AICTE TechSaksham Internship (Microsoft & SAP CSR Initiative).
- Implemented a Retrieval-Augmented Generation (RAG) system, improving document retrieval accuracy by 30%.
- Blended a multimodal LLM with Groq API, enabling text and image-based queries, expanding chatbot capabilities by 50%.
- Optimized FAISS-based retrieval, enhancing response precision by 35% and cutting data retrieval time by 40%.

Coordinator | Training and Placement Cell, ADGIPS | October 2024 - Present

October 2024 - March 2025

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

PROJECTS

IntelliAssist

- AI-powered virtual assistant with real-time automation, handling 30+ commands for enhanced user productivity.
- Merged Cohere, Groq, and Hugging Face APIs, improving NLP and multimodal processing by 35%.
- Modular and extensible system with PyQt5-based GUI, customizable UI, chat history logging, and seamless automation.

RoadMap Generator

- Built a comprehensive AI-driven roadmap generator leveraging React and Cohere API.
- Enabled users to generate personalized learning paths based on skill inputs.
- Added note-taking and PDF export features, increasing platform usability by 50%.

PeriodPal

- Developed a menstrual cycle tracker using React, enhancing user awareness of health and fertility.
- Implemented an interactive calendar-based tracking system, improving accessibility by 40%.
- 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