Garima Bhayana

AI/ML Engineer | Software Developer

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PROFESSIONAL SUMMARY

Resourceful and impact-driven Software Developer and AI/ML Engineer with comprehensive proficiency in Python, Java, React.js, and modern ML frameworks such as TensorFlow, PyTorch, and scikit-learn. Adept at architecting intelligent systems, designing scalable full-stack applications, and engineering end-to-end machine learning workflows. Skilled in deploying real-time collaborative solutions, integrating multimodal LLMs, and leveraging API ecosystems to optimize user experience. Known for agile execution, technical leadership, and a relentless drive to deliver innovative, production-grade solutions in dynamic environments.

TECHNICAL SKILLS

Languages: Python, Java, C++
AI/ML: Machine Learning, Neural Networks, Natural Language Processing (NLP), Computer Vision, Generative AI, Data Analysis, RAG Systems, Multimodal LLMs
Web Development: React.js, Node.js, Express.js, Flask, HTML, CSS, JavaScript, Bootstrap, Tailwind
Libraries/Frameworks: TensorFlow, PyTorch, Scikit-learn, OpenCV, Keras
Databases: SQL, PostgreSQL, MongoDB
Cloud & DevOps: AWS, Netlify, Render
Tools: Git, GitHub, Postman, WordPress
DSA: Strong command of Java-based data structures and algorithms
Soft Skills: Problem-solving, Team Collaboration, Leadership, Time Management, Communication

EXPERIENCE

JMedia Corporation (Remote – US-based)

Artificial Intelligence Intern   May 2025 - Present

- Spearheaded the development of ML models and neural networks utilizing scikit-learn, TensorFlow, and PyTorch for diverse real-world implementations.
- Engineered secure, reproducible pipelines for model lifecycle management including preprocessing, training, validation, and deployment.
- Fostered cross-continental synergy within a distributed AI team, ensuring alignment of deliverables with business objectives and technical benchmarks.
- Maintained rigorous confidentiality and compliance while working with proprietary datasets.

AICTE (in collaboration with EY GDS)

Software Development Intern   March - April 2025

- Orchestrated the development of CoCreate, a real-time collaborative document editor empowered by Socket.IO, React.js, and Node.js, with granular access control and AI-augmented authoring.
- Refactored backend logic and event handling mechanisms to elevate performance and streamline multi-user synchronization.
- Integrated AI services to facilitate context-aware content enhancement, increasing end-user efficiency and engagement.
- Deployed and monitored the application stack using Netlify and Render, ensuring high availability and rapid load performance.

AICTE Techsaksham (Microsoft & SAP CSR Initiative)

Artificial Intelligence Intern   January - February 2025

- Conceptualized and implemented an AI-powered Medical Assistant leveraging Retrieval-Augmented Generation (RAG) to support domain-specific queries.
- Enabled multimodal capabilities by integrating Groq's LLM API, empowering the system to interpret both textual and visual inputs.
- Streamlined FAISS-based vector search pipelines, bolstering retrieval latency and response relevance across varied document types.
- Collaborated on the architectural design of intelligent health tech tools emphasizing precision and accessibility.

PROJECTS

IntelliAssist

Advanced AI assistant desktop application built using PyQt5, facilitating automation across 30+ productivity scenarios.
- Seamlessly integrated with Cohere, Groq, and Hugging Face APIs for robust NLP and multimodal capabilities.
- Features include command modularity, chat history archiving, and extensible plugin support.

RoadMap Generator

Personalized learning path generator leveraging React and Cohere API, tailored to user-defined skills and goals.
- Encompasses smart note-taking, PDF export, and adaptive interface elements to maximize learner retention and usability.

PeriodPal

Feature-rich menstrual health tracker engineered with React.js, offering intuitive calendar interfaces and behavioral insights.
- Prioritized user-centric design, and responsive layouts to enhance engagement.

Budget Manager

Streamlit-based financial planning tool powered by scikit-learn models for expense prediction and anomaly detection.
- Supports categorization, anomaly detection and real-time predictions to enhance financial planning.

EDUCATION

Dr. Akhilesh Das Gupta Institute of Professional Studies
(Affiliated to Guru Gobind Singh Indraprastha University)
Bachelor of Technology, IT   2022 - 2026
GPA :8.7

Salwan Public School   2022
Class XII - 93.8 %
Class X - 94.6%

CERTIFICATIONS

AI & Machine Learning with IBM Watson – IBM
Cloud Computing with AWS – Internshala & NSDC
Postman API Fundamentals – Postman Academy
Web Development Bootcamp – Udemy
Data Structures & Algorithms in Java – GeeksForGeeks