ASHISH GAUTAM

Aspiring Software Developer — Machine Learning & Full-Stack

+91-7903497779   ⋄   Bilaspur, Chhattisgarh

gautamashishbxr@gmail.com   ⋄   linkedin.com/in/ashishgautamx   ⋄   ashishgx.netlify.app

OBJECTIVE

Aspiring Software Developer with a strong foundation in Python and full-stack development. Currently pursuing BTech (3rd Year) with hands-on experience in building scalable web applications and AI-driven systems. Seeking SDE Internship or entry-level developer roles to apply and grow technical skills.

EDUCATION

B.Tech in Computer Science and Engineering, Guru Ghasidas University   2023 – Present (Expected 2027)
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Web Development, DBMS, Computer Networks, Artificial Intelligence
CGPA: 8/10

SKILLS

Programming Languages	Python, JavaScript, C++
Libraries / Frameworks	Next.js, Node.js, Express.js, Flask, PyTorch
DevOps Tools	Docker, Kubernetes, CI/CD Basics
Developer Tools	Git, GitHub, Hugging Face, Postman, VS Code, RapidAPI
Soft Skills	Problem-solving, Research Thinking, Technical Communication
Other Skills	Deep Learning, LLM Fine-tuning, REST APIs

PROJECTS

SmearVision AI (GitHub Repo) — Designed an ensemble deep-learning pipeline for smear-image morphology classification in Multiple Myeloma, delivering 88% accuracy and 100% sensitivity.
Technologies: Python, PyTorch, timm, Optuna, OpenCV

AI-Powered Essay Grader (Phi-3 + LoRA) (GitHub Repo) — Fine-tuned Phi-3-mini with LoRA adapters to automatically grade multi-subject student answers, generating structured feedback and rubric-based scores, optimized via 4-bit quantization for efficient deployment.
Technologies: Python, PyTorch, LoRA, BitsAndBytes, Hugging Face

Intelligent Kubernetes Pod Scheduler (GitHub Repo) — Developed an AI-driven pod scheduling system using Meta's Llama-3.3-70B model to select optimal nodes based on real-time cluster metrics. Implemented caching, retry logic, and circuit breaker patterns for production-grade reliability and improved cluster efficiency.
Technologies: Kubernetes, Python, Llama-3.3-70B

EXPERIENCE

Technical Developer, Thesisly   Sept 2025 – Present
Designing and deploying research-grade artificial intelligence models for real-world applications.

Frontend Intern, Adcuesta   Dec 2025 – Present
Developing scalable, production-ready user interfaces using Next.js.

ACHIEVEMENTS & COMMUNITY ENGAGEMENT

National Winner, Smart India Hackathon 2025 — Recognized with **ISRO's Quantum Frontiers Award** for designing a quantum-secure email system.

Head of Operations, GDGC-GGV — Managing event coordination, project operations, and community engagement.

EXTRA-CURRICULARS

Actively practicing DSA through platforms like GeeksforGeeks and LeetCode to strengthen problem-solving skills.

Conduct regular peer-learning sessions on full-stack workflows, AI integration, and cloud-native development.