ANSHAM MAURYA

Lucknow, India | +91 8957041580 | ansham.maurya.microsoft@gmail.com
GitHub: github.com/ANSHAM1 | LinkedIn: https://www.linkedin.com/in/ansham-maurya-69ab80297/

SUMMARY

Systems-focused Software Engineer skilled in C++, Rust, and high-performance computing. Strong foundation in OS, networks, and backend development. Seeking software engineering roles where I can build efficient, scalable, and reliable systems.

SKILLS

- Languages: C++, Rust, Python, Java, JavaScript
- Systems: OS, Networks, Memory Management, Concurrency
- Backend: Express.js, Node.js
- Databases: MySQL, MongoDB
- Tools: Git, Linux, Docker
- Other: System Programming, GPU programming (CUDA), OOP

WORK EXPERIENCE

Developer Intern — AI Agent & Automation
May 2025 – July 2025 | Lucknow, India
- Collaborated on automation tools including an Instagram niche-trend analyzer and script generator.
- Improved execution flow and fixed multiple runtime issues, enhancing reliability and speed.
- Followed version control best practices and contributed in daily technical discussions.

PROJECTS

TorchLessCUDA — Deep Learning Engine (C++/CUDA)
- Created a complete deep learning engine without any high-level DL libraries.
- Implemented tensor operations, GPU kernels, and training loops.
- Designed the system for high-performance execution on NVIDIA GPUs.
- GitHub: ANSHAM1/TorchLessCUDA

SentinelAI NIDS — Network Intrusion Detection System
- Built a machine learning–based system to detect malicious traffic patterns.
- Improved accuracy and detection speed by optimizing data preprocessing.
- GitHub: ANSHAM1/SentinelAI_Nids

Modelise — Universal AI Model Hosting & API Platform
- A unified platform to host and deploy any AI/ML model through a single API, eliminating the complexity of handling different frameworks and provider-specific interfaces.
- Acts as an intermediary layer for AI providers (GPT, Gemini, Claude, etc.), giving developers a universal API that makes integrating AI into applications far simpler, faster, and consistent.
- GitHub: ANSHAM1/Modelise

EDUCATION

B.Tech. in Computer Science
GLA University | Aug 2023 – Aug 2027
GPA: 8.14