AMAN GUPTA

⌂ Gwalior, MP · ☎ 91-7879601498 · ✉ amanguptaag.00@gmail.com · 🔗 LinkedIn · ○ GitHub · 🌐 Portfolio

SUMMARY

Full-Stack Developer with expertise in Python, experienced in building scalable web applications using both frontend and backend technologies. Proficient in frameworks like Django, with a strong focus on code quality, performance, and industry best practices.

EXPERIENCE

INFOSYS   Indore, MP

Senior Systems Engineer | Jul 2024 - Present

- Design and implement software solutions using various technologies and frameworks.
- Mentor junior team members and ensure adherence to best practices.
- Integrate components and conduct testing to ensure system quality.
- Resolve technical issues and provide support for existing systems and applications.

Systems Engineer | Jul 2022 – Jun 2024

- Design and develop scalable, high-performance applications with a focus on code quality.
- Maintain comprehensive documentation for system configurations, processes, and troubleshooting.
- Manage the codebase and collaborate using version control systems like Git.
- Foster teamwork and communication to drive project success and innovation.

EDUCATION

2018-2022   **INSTITUTE OF TECHNOLOGY & MANAGEMENT (ITM)**   Gwalior, MP
Bachelor of Technology in Computer Science
Overall CGPA: 8.33

SKILLS

- **Programming Languages**: Python, Java, C, C++, JavaScript.
- **Frameworks**: Angular (Frontend), Django (Backend), Bootstrap, Material UI, Tailwind etc.
- **LLM Application Frameworks**: Langchain & LlamaIndex
- **Database Management**: MongoDB, MySQL, PostgreSQL.
- **Containerization & Orchestration**: Docker, Kubernetes, AWS.
- **Software/Tools**: VS Code, Git/GitHub, ELK Stack (ElasticSearch, Logstash, Kibana), Linux, Postman, Swagger etc.
- **Soft Skills**: Teamwork, adaptability, positive attitude, strong time management, organizational skills.

PROJECTS

Generative AI Testing Platform

- Developed and integrated advanced Generative AI systems leveraging LLMs (Large Language Models) for content creation.
- Utilized Retrieval-Augmented Generation (RAG) to combine data retrieval with content generation, ensuring highly relevant and accurate outputs.
- Developed and integrated embedding creation processes with various vector databases.
- Focused on creating advanced AI systems tailored for diverse use cases across multiple domains.

Microservices Performance Testing Platform

- Developed a Microservices Performance Testing Platform to assess and optimize the efficiency of microservices architectures.
- Implemented rigorous testing methodologies to evaluate system responsiveness, stability, and resource utilization.
- Contributed to the enhancement of high-performance distributed systems.
- Utilized Micro Frontend (MFE) Architecture to integrate the platform with other environments.

CERTIFICATIONS/ACHIEVEMENTS

1. Infosys Certified Python Associate	2. Infosys Certified MySQL Associate
3. Infosys Certified Open Source Professional	4. Python & SQL (Basic) Certified from HackerRank
5. Participated in Scalar Code from InterviewBit	6. Solved 200+ LeetCode Problems
7. Business Certificates (BEC) by Cambrigde	8. AWS Academy Cloud Foundations