AMAN SHARMA

Phone: +91 9120082348 | EMail | Twitter | HackerRank | LeetCode | Linkedin | GitHub |

SUMMARY

B.Tech CSE student skilled in Python, Java, and full-stack development using React.js, Node.js, MySQL, and MongoDB. Passionate about developing efficient, reliable, and user-focused software solutions while continuously learning and growing as a Software Engineer.

TECHNICAL SKILLS

Programming Languages: Core Java, C, Python, Kotlin(Foundational)
Web Development: HTML5, CSS3, JavaScript, React.js, Bootstrap, Spring Boot, REST API, Node.js(Basic)
Databases: MySQL, MongoDB
AI & Cloud Technologies: Generative AI, Qwiklabs (Google Cloud)
Development Tools: Git, GitHub, VS Code, Google Colab

EDUCATION

B.TECH(CSE) | United Institute of Technology,Prayagraj — CGPA: 7.4 | 2022-26
12TH | Jwala Devi Saraswati Vidya Mandir Inter College,Prayagraj — 81.03% | 2021
10TH | Suman Vidya Niketan ,Naini Prayagraj — 82.16% | 2019

EXPERIENCE

AI/ML Development Intern | Virtual **AUG 2025 - SEPT 2025**

- Engineered and deployed scalable multilingual platforms using Generative AI and NLP with Python and Hugging Face Transformers
- Implemented batch processing and model fine-tuning to boost application performance, resulting in a 40% reduction latency and a 25% increase in cross-lingual accuracy.
- Developed the full application stack, including the web interface (Gradio), showcasing end-to-end delivery proficiency.

Java Developer Intern | UIT Summer Training (On-Campus)

- Delivered a robust Car Rental System using Core Java and OOP; automated key business processes, boosting operational efficiency by 30%.
- Strengthened system stability and data integrity by integrating persistent storage via MySQL and JDBC.

ACADEMIC PROJECTS

Multi Language Translator **[Python, M2M100 Model, Hugging Face Transformers, Gradio]**

- Built a robust, full-stack multilingual application leveraging Generative AI and NLP to support language transfer between 15+ languages without requiring an English intermediary.
- Integrated advanced features such as real-time language swapping, automatic input detection, and text-to-speech (voice pronunciation) for a comprehensive user experience.
- Optimized performance through model fine-tuning, yielding a 40% reduction in latency and a 25% increase in localization accuracy.

Face Recognition Attendance System **[Python, OpenCV, TensorFlow, CNN, SVM,MySQL,CSV,SMTP]**

- Built an AI-based system to automatically detect and recognize faces for attendance marking.
- Used CNN and SVM algorithms to improve recognition accuracy and reliability.
- Integrated liveness detection to prevent proxy or fake attendance.
- Automated daily attendance reports with email notification to the admin.
- Designed a secure, fast, and user-friendly interface for real-time performance.

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CERTIFICATIONS

- FrontEnd Web Development | Reliance Foundation Skilling Academy (NSDC & AICTE)
- Data Analytics | IBM SkillsBuild
- Generative AI Virtual Internship (PBEL Equivalent to 6 Weeks) | IBM Mooc

ACHIEVEMENTS

- Contributor : GirlScript Summer of Code (GSSoC).
- HackerRank : Actively solved coding challenges, earning 8,179 Hackos across Java and Problem-Solving domains.