SANJEEV KUMAR

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PROFESSIONAL SUMMARY

AI Engineer & Data Scientist specializing in machine learning, deep learning, predictive modeling, data pipelines, and cloud-based AI deployment. Skilled in Python, TensorFlow, PyTorch, and modern frameworks to deliver scalable solutions across healthcare, automation, and enterprise systems. Experienced in AI model deployment, statistical analysis, and full-stack development, with proven success in building multimodal chatbots and voice-controlled assistants.

EDUCATION

Vinoba Bhave University, UCET – Hazaribagh

Bachelor of Technology in Computer Science | Oct 2022 – May 2026

TECHNICAL SKILLS

Languages: Python, C, JavaScript, HTML/CSS

Frameworks & Libraries: React.js, Node.js, Pandas, NumPy, Matplotlib, Flask

Databases & Tools: MySQL, PostgreSQL, Docker, Git, VS Code, PyCharm

Core Competencies: Machine Learning, Data Analysis, AI Model Deployment, Web Development

EXPERIENCE

Cognifyz Technologies – Nagpur, India (Remote) *Project Intern – Python Development* | Jun 2025 – Jul 2025

- Delivered projects across three progressive levels, applying Python for automation and data handling.
- Integrated system-level modules (`os`, `subprocess`) to enhance application functionality.
- Executed a capstone project on advanced AI concepts, showcasing ability to research and deploy real-world AI solutions.

Steel Authority of India Limited (SAIL) – Bokaro, India *HR Observer Intern | Jul 2024 – Aug 2024*

- Shadowed HR professionals in recruitment, onboarding, payroll, and employee relations.
- Observed compliance with labour laws, grievance handling, and union interactions in a large industrial setting.
- Assisted in documentation for training programs, performance appraisals, and leave management.
- Gained exposure to HRIS systems for managing employee data and workflows.

PROJECTS

AI Doctor 2.0 – Medical Chatbot with Multimodal LLM | *Python, Groq, Llama 3, Whisper, Gradio* | **2026**

- Built a multimodal chatbot capable of processing text, speech, and medical images (X-rays, reports).

- Developed a Gradio-based UI integrating speech recognition, LLM, and text-to-speech.

- Proposed roadmap for fine-tuning vision models and adding multilingual support.

VS Code Portfolio – Developer Portfolio Website | *Next.js 16, React, CSS Modules* | **2025**

- Designed a sleek, responsive portfolio with glassmorphism and neon accents.

- Implemented secure API routes for contact forms and optimized SEO with React Server Components.

AI Jarvis – Voice-Controlled Desktop Assistant | *Python, SpeechRecognition, PyWin32* | **2025**

- Created a voice assistant to automate tasks: web browsing, app control, music playback, and time announcements.

- Integrated Google Speech API and Microsoft SAPI for natural voice interaction.