

Gorav Jindal

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SUMMARY

Innovative and results-driven **AI/ML Engineer** and **Full-Stack Developer** with hands-on experience in computer vision, natural language processing, and automation. Skilled in building scalable ML systems and production-grade web applications. Research Assistant at Chitkara University with publications under review in deep learning. As a freelancer, delivered AI-powered solutions for startups and NGOs, driving efficiency and user engagement. Passionate about leveraging AI for real-world problem-solving and cutting-edge innovation.

EDUCATION

B.E. in Computer Science Engineering
Chitkara University, Rajpura, India
CGPA: 9.17 / 10

May 2023 – Aug 2027

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, Java
Frontend: React.js, Next.js, TailwindCSS, Streamlit, Material UI
Backend: Flask, Django, Node.js, Spring Boot
Databases: MongoDB, PostgreSQL, NeonDB, Firebase, SQL
AI/ML: TensorFlow, PyTorch, Keras, Scikit-learn, OpenCV, Hugging Face, NLP, LangChain
Tools: Git, GitHub, Docker, PowerBI, Tableau, Render, Vercel, n8n, Blender

EXPERIENCE

Research Assistant – DICE Member – Chitkara University, Punjab, India Jul 2025 – Present
– Conducting AI research in medical imaging and model interpretability.
– Developed a **Swin Transformer-based Brain Tumor Classifier** achieving **98.77% accuracy**.
– Research paper titled "*End-to-End Brain Tumor Classification Using Fine-Tuned Swin Transformer with Grad-CAM*" is under review.

Freelancer – Self Employed, Remote Apr 2025 – Present
– Delivered **7+ client projects** for startups and NGOs in AI automation and full-stack web solutions.
– Improved client efficiency by **60%** through automated workflows and optimized deployments.
– Built a donation-enabled site for **Tapoban Trio Charitable Trust**, boosting contributions by **2.5×**.

AI/ML Engineer – TechSaksham Program – Microsoft, AICTE, SAP, Remote Feb 2025 – Apr 2025
– Built a CNN-based medical diagnosis model with **94.3% accuracy**.
– Collaborated with mentors to deploy scalable ML APIs for healthcare use cases.

MERN Intern – AICTE, EY GDS, Remote Feb 2025 – Mar 2025
– Developed production-ready full-stack apps using the **MERN stack**.
– Enhanced app response speed by **37%** through database optimization and caching.

PROJECTS

Blender MCP – Python, AI/ML, Blender [GitHub](#) Jan 2025 – May 2025
– Converted natural language prompts into 3D operations, cutting modeling time by **40%**.
– Gained collaboration interest from **Shinzo Labs (Austin, US)** for integration.

Handler – Streamlit, LangChain, Gemini API [GitHub](#) Feb 2025 – Apr 2025
– Built an automation agent reducing manual task time by **50%**.
– Implemented JWT-secured role-based access with persistent user context memory.

GrowthMock – Next.js, Node.js, NeonDB, Docker [GitHub](#) Sep 2024 – Nov 2024
– Created AI-powered mock interviews with **65% faster candidate improvement**.
– Deployed real-time feedback analytics via Docker-based cloud system.

AWARDS & ACHIEVEMENTS

- **Top 50** at Chitkara University & **Top 5k globally** on GeeksforGeeks with a 250+ day streak.
- **Rank 21** in GeeksforGeeks Weekly Coding Contest (10k+ participants).
- **Top 100 nationally** in Scaler National Coding League.
- **Runner-up** in Phosphenes Coding Competition by Coding Ninjas.