

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
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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 – <i>Chitkara University, Punjab, India</i>	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 " <i>End-to-End Brain Tumor Classification Using Fine-Tuned Swin Transformer with Grad-CAM</i> " is under review.	
Freelancer – Self Employed, Remote	
– 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 – <i>Microsoft, AICTE, SAP, Remote</i>	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.