

# AJAY SAINI



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## EDUCATION

- **Dr B R Ambedkar National Institute of Technology** *B.Tech in Instrumentation and control engineering*  
*Punjab, India* Jalandhar, Punjab  
2023-2027
- **Maheshwari Public School International (CBSE Board)** 2021  
*Class XII* Jaipur, Rajasthan
  - Grade: 79.9%
- **Maheshwari Public School International (CBSE Board)** 2019  
*Class X* Jaipur, Rajasthan
  - Grade: 91.1%

## EXPERIENCE

- **Full Stack Developer at Omnisol Helping Hands**  *Dec 2025 - Present*  
*Next JS, Django Ninja, PostgreSQL, Celery with Redis, Docker, OAuth 2.0, Open AI* Remote
  - Designed PostgreSQL database schema with 75+ models across 10+ Django apps, implementing efficient relationships and indexes
  - Containerized the application with Docker and Docker Compose, supporting multi-service architecture (Django, Celery, Redis)
  - Built an AI-powered document extraction system using OpenAI GPT and Google Gemini, processing PDFs, images, and forms to extract structured data with 98% accuracy validation
  - Developed a web browser extension that automatically populates visa application forms using data extracted from submitted documents
- **Software Developer at Preva Care**  *May 2025 - July-2025*  
*React, NodeJS, MongoDB, AWS S3, EC2, Razorpay, Github Actions* Delhi, India
  - Designed secure and 100+ scalable REST APIs, implemented role-based access control
  - Integrated Amazon S3 for reliable and scalable storage of medical documents, ensuring secure file handling
  - Configured and optimized Nginx as a reverse proxy and load balancer to enhance API performance
  - Used Agora SDK for Tele-Consultation between users and Gupshup for whatsapp messaging

## PROJECTS

- **InvoiceCraft – Invoice Generation SaaS Platform** *Oct 2025 - Present*  
*Next.js, Node.js, Redis, MongoDB, S3, HTML2Canvas, jsPDF, Tailwind CSS* 
  - Developed a full-stack SaaS application to create, manage, and download professional invoices
  - Implemented dynamic PDF generation using HTML2Canvas and jsPDF for seamless invoice exports
  - Built secure authentication and user dashboard with role-based access and real-time data updates
  - Enabled automatic invoice numbering and data persistence through MongoDB backend APIs
- **Sparrow – AI Powered Communication Tutor** *Nov 2025*  
*React JS, Shadcn, Vapi API, Groq, VGGish, Node JS* 
  - Built an AI voice conversation system using Vapi that lets users practice topics in real time
  - Integrated an LLM-based scoring engine to evaluate user conversations and store results in MongoDB
  - Engineered a seamless voice-to-AI pipeline where every call transforms into actionable insights
- **Aarogya - The Club Website** *March 2025*  
*React JS, Tailwind CSS, JavaScript, Node JS, Cloudinary* 
  - Built the official website for Aarogya Club, a health awareness group at NIT Jalandhar
  - Integrated dynamic event updates and interactive sections for real-time club announcements
  - Set up real-time email notifications to inform donors of new blood requests
  - Utilized Cloudinary for efficient media handling and optimized content delivery

## SKILLS

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- **Tech Stacks:** Amazon S3, nginx, TypeScript, JavaScript, HTML/CSS, React.js, Next.js, Node.js, Express.js, Bootstrap, TailwindCSS, MongoDB, Postgresql, Redis
- **Developer Tools:** Git, GitHub, Firebase, Postman, VS Code
- **Soft Skills:** Leadership, Problem-Solving, Communication

## EXPERIENCES

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- Collaborated with GDG Jalandhar in planning and managing HackMol 5.0, fostering innovation among 500+ participants
- 2nd Runner-up in Hackathon organized by NIT Jalandhar, developing a location-based reminder system
- 2nd Runner-up in Ideathon organized by Institute Innovation Council (IIC), NIT Jalandhar
- Participated in BuildAI-thon organized by Saras AI Institute, gaining hands-on experience in AI-driven development