

AJAY SAINI

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EDUCATION

• Dr B R Ambedkar National Institute of Technology

Punjab, India
2023-2027

B.Tech in Instrumentation and control engineering

Jalandhar, Punjab

• Maheshwari Public School International (CBSE Board)

Class XII
◦ Grade: 79.9%

2021

Jaipur, Rajasthan

• Maheshwari Public School International (CBSE Board)

Class X
◦ Grade: 91.1%

2019

Jaipur, Rajasthan

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

Delhi, India

React, NodeJS, MongoDB, AWS S3, EC2, Razorpay, Github Actions

- 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

- **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

- 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