

JATIN SANGWAN

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EDUCATION

Manipal University Jaipur

Bachelor of Technology - **CGPA - 8.20**

2020 – 2024

Jaipur, India

EXPERIENCE

Verse Innovation Pvt. Ltd. 

Nov 2025 – Present

SWE

Bengaluru, India

- **Architected Python backend services for a Conversational Text-to-Game Platform**, orchestrating LLM-based multi-agent and HITL workflows to reliably generate **100+ production games/month**.
- **Designed an asynchronous AI processing architecture using RabbitMQ/message queues** to decouple long-running LLM and generative-model API calls from request handling, enabling scalable worker execution, retries, and failure recovery.
- **Built a Python AI orchestration layer** with MCP integration to connect LLM agents with Godot 4.5, using **PostgreSQL** for persistent workflow state, execution history, context, versioning, and iterative refinement.
- **Developed an AWS S3-backed asset service** for persistent storage, caching, and reuse of generated assets, reducing redundant model API calls and improving pipeline efficiency.

GamesPro India Pvt. Ltd 

Oct 2024 – Nov 2025

Founding Engineer

Gurugram, India

- Engineered **Node.js + Express microservices** deployed in **Dockerized, Nginx-proxied architecture**, with **Redis** for caching, including a secure, fault-tolerant withdrawal payment service.
- Designed and deployed a **production-grade AI support chatbot as a standalone microservice** with **RAG pipeline, Vertex AI (Gemini)** for intent classification, **ChromaDB** for vector search, **PostgreSQL** for structured queries, archived **10k+ automated chats/month** and reduced support costs by **40%**.
- Built a **real-time escalation system** with **Firebase/Firestore** and an admin dashboard for human takeover, supporting **multi-session concurrency** and **SSO-based authentication**.

PROJECTS

EuronAI – AI SaaS Platform  | Typescript ReactJS NodeJs ExpressJS PostgreSQL

Sept 2025

- Built **EuronAI**, a micro-SaaS platform with AI-powered article generation, resume reviews, and image editing tools.
- Implemented **subscription plans (Free vs Premium) with Clerk auth**, scalable serverless backend (**Vercel + Neon/Postgres**), and media storage on **Cloudinary**
- Delivered a **production-ready SaaS** with React.js frontend and Express.js backend, providing an **end-to-end AI** content creation experience.

EasyPay  | ReactJS Redux-Toolkit NodeJs ExpressJS MongoDB

June 2024

- Developed a **secure and scalable backend architecture** using **Node.js, Express.js, and MongoDB**, optimizing transaction processing and improving data security through efficient backend design.
- Built a responsive frontend with **ReactJS** and **SASS**, and integrated **Cloudinary** for media management, reducing application load times by **40%** and improving image processing efficiency by **25%**.

ACHIEVEMENTS

- Achieved a milestone of solving **550+ technical problems** on **Leetcode**
- Highest Contest Rating **1458 LeetCode**
- Global Rank: **54 Out Of 9529 Codechef Starter-141C**

TECHNICAL SKILLS

Languages:C++, Python, JavaScript, TypeScript, SQL, NoSQL

Tools & Platforms:Git, GitHub, Bitbucket, Jira, Cursor, Docker, AWS, Vertex AI (Gemini)

Technologies:React, Node.js, Express, MongoDB, PostgreSQL, Redis, ChromaDB, RabbitMQ, Message Queues, Microservices, RAG, LLMs, Generative AI, Multi-Agent Systems, WebSockets, SSE