

# Hemant Kumar

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## EXPERIENCE

- **Attack Capital (YC-22)** (India, Remote)  
*Full Stack Developer* Jul 2025 – Present
  - **AI Product Development:** Led a 3-member team delivering 3 core products on the Healos project. AI Scribe (clinical note generation), AI Voice Agent, and Email Campaigning Platform from concept to production using OpenAI GPT, Gemini API, LangChain
  - **AI Scribe & Voice Agent:** Built real-time speech-to-text pipelines using Whisper and Deepgram; implemented RAG pipelines with pgvector for context-aware note retrieval and semantic search across medical knowledge bases; engineered multi-step prompt chains for accurate, structured clinical summaries
  - **Architecture & Security:** Designed a secure multi-tenant system ensuring complete data isolation across clinics and clients; refined user engagement by 25%, reduced API response time by 25%, and decreased UI bugs by 20%
  - **Performance & Optimization:** Achieved 40% better system performance under high load through backend optimizations; decreased script execution time by 45% via advanced PostgreSQL query optimization; containerized the full stack using Docker for consistent deployment
  - **Cloud, Observability & Reliability:** Deployed and managed API servers on GCP using VMs and Container Apps with Nginx load routing; implemented Grafana-based monitoring, logging, and database backup strategies for performance observability
- **India Accelerator** Gurugram, India  
*Full Stack Developer Intern* Nov 2024 – Jul 2025
  - **API Development & Optimization:** Built efficient RESTful APIs; enhanced database query performance by 20% through indexing, caching, and query refactoring
  - **Containerization & Deployment:** Created Docker images and containerized deployment pipelines for reliable, reproducible environments
- **RT Map Tech Solutions** Jaipur, India (Remote)  
*Web Developer Intern* Jun 2023 – Jul 2023
  - **Application Development:** Developed responsive, modern web applications using the MERN stack with emphasis on Node.js, React, and ES6+ JavaScript
  - **Business Impact:** Drove 15% increase in user adoption, achieved 50% reduction in script execution time, and boosted user management efficiency by 30%

## PROJECTS

- **FormScratch – AI Form Builder** GitHub  
*React, Next.js, Tailwind CSS, Gemini API, Supabase*
  - **Impact:** lowered manual form creation time by approximately 80% through intelligent automation and enhanced user experience
- **Global Price Comparison Tool** GitHub  
*Node.js, Puppeteer, Express, Redis, MongoDB, React*
  - **Impact:** Helped users find the cheapest prices worldwide, increasing e-commerce checkout conversion by approximately 30% for integrated platforms

## SKILLS

**Languages:** JavaScript, TypeScript, Python, SQL  
**Frontend:** React.js, Next.js, Tailwind CSS  
**Backend:** Node.js, Express.js, RESTful APIs, FastAPI, Redis, Task Queues, Kafka, Prisma ORM  
**Databases:** MongoDB, PostgreSQL, pgvector, Supabase  
**AI & LLM:** OpenAI API (GPT), Gemini API, LangChain, Prompt Engineering  
**AI Infrastructure:** Whisper, Deepgram (STT), RAG Pipelines, Vector Embeddings, Semantic Search  
**Tools & Technologies:** Git/GitHub, Docker, Linux, VS Code, Postman, Figma, Notion, GCP

## EDUCATION

- **Shaheed Bhagat Singh State University** Ferozepur, Punjab, India  
*Bachelor of Technology - Computer Science; CGPA: 7.0* Sep 2021 – May 2025

*Relevant Coursework:* Data Structures, Algorithms, Database Management Systems, Computer Systems, Project Management, System Design

## Publications

Indie Dev

## Extracurricular

Open Source, Hackathons, AI, Community