Himanshu Jaroli

🌐 [Website](#) in [himanshu-jaroli](#) ⬡ [HJ1X](#) ✉ [jaroli.himanshu.work@gmail.com](#) 📞 +91-7615968802 📍 India

EXPERIENCE

NovaCrafts.AI, India (Remote)

Co-Founder and Lead Engineer – NOV 2025 - PRESENT

Next.js, React.js, Express.js, Node.js, LangGraph, Clerk, Prisma, Razorpay, Docker, S3, Redis, N8N

- Co-Founded a **custom software solutions agency** overseeing **technical strategy** and delivery for clients and internal initiatives ranging from MVP development to full-scale applications.
- Architecting **Remember Publisher**, a **GenAI platform** that transforms unstructured user inputs like journals & voice notes into print-ready books.
- Developing **Naukri Outreach**, a referral automation SaaS that manages the full **referral lifecycle** by generating and orchestrating **AI-driven outreach** and **follow-up sequences** via a unified UI.

RapidStart Pty. Ltd., Melbourne (Remote)

Software Development Engineer 2 – MAR 2025 - OCT 2025

TypeScript, Python, Next.js, React.js, FastAPI, Node.js, Express.js, Langgraph, MCP, Docker

- Spearheaded the design and implementation of a **hierarchical multi-agent graph** using **LangGraph** to respond to user queries dynamically using **multi-agent task chaining** and **MCP Servers**.
- Built end-to-end UI components and backend services for an **AI phone agent** platform in **Next.js** that automates **inbound call handling** and **outbound communications** processing **10K+** calls monthly.
- Built an **autonomous task execution agent** capable of performing complex computer operations on behalf of users, leveraging vision models like **OmniParser** and **LLM's** using **FastAPI** and **LangGraph.**
- Developed a **VNC-based** pipeline for real-time visualization and interaction with autonomous agents.

Tata Consultancy Services, Pune

Product Engineer – DEC 2023 - FEB 2025

TypeScript, React.js, Shadcn/ui, Tailwind CSS, Node.js, Express.js, PostgreSQL, Prisma, Next.js

- Contributed to a **SaaS** platform for high-quality product delivery and talent engagement.
- Worked closely with the design team to ensure **consistent** & **high-quality UI** in **React.js**.
- Implemented complex UI components like **Conversational AI workbench**, **Artifact viewers, Monaco Code Editor, UI Code Previewer** etc.
- Built a suite of **REST APIs** and performed **optimizations** reducing the server response time by **20%**.
- Developed **AI Agents** using **Next.js**, **Vercel AI SDK, GPT-4o, Llama embedding models** and **Qdrant vector store** reducing user's job execution time by **62%**.

Software Engineer – AUG 2022 - NOV 2023

TypeScript, React.js, Material UI, Tailwind CSS, Java, Spring boot

- Worked on a product focused on developing **digital experiences** through high-level **intent specification** reducing the development time by nearly **65%** (from 2 weeks to 2 days).
- Developed **end-to-end application features**, including comprehensive **APIs** in **Java (Spring Boot)** and frontend solutions in **React.js** for **no code development**.
- Utilized **GPT-4** models for creating **generative assistance** for users improving developer productivity by **60%** and built a **VS Code extension** to support, assist and augment intent specification creation.

EDUCATION

Bharati Vidyapeeth University, Pune   JUL 2018 - JUL 2022

B.Tech in **Computer Science and Business Systems** | **CGPA - 9.26**

SKILLS

- **Languages:** TypeScript, JavaScript, Python, Java, HTML/CSS
- **Technologies:** React.js, Next.js, Node.js, Express.js, FastAPI, Docker, PostgreSQL, MongoDB, Langgraph, MCP, RAG, JEST, GIT, AWS, GCP, Kafka, Zustand, React Query, Prisma, Tailwind CSS
- **Concepts:** Design Patterns, REST API, Agile development, Micro service architecture, Distributed Systems, Component-based architecture, Root-cause analysis.

PROJECTS

- **Naukri Outreach –** *React.js, Express.js, Gemini API, Supabase, S3, Redis, MQ*   [naukri-utreach.com](#)
  A SaaS tool that simplifies the referral process by automating outreach workflows.
- **Call-buddy –** *React.js, Firebase, WebRTC*   [call-buddy.com](#)
  A seamless video calling application powered by WebRTC

AWARDS

- Received **Young Innovator Award** from **TCS CTO, Dr. Harrick Vin** for Glow framework assistance.
- Received **Star performer of the month** Award for 2 consecutive months and 3 times in a year