

Himanshu Jaroli

LinkedIn://[himanshu-jaroli](#) | Github://[HJIX](#) | jaroli.himanshu.work@gmail.com | +91-7615968802

As an experienced Software Engineer, I've designed, developed, and deployed applications using diverse technologies and programming languages. I seek a challenging Software Engineer role to apply my technical expertise, problem-solving skills, and passion for crafting seamless, user-centric applications.

EXPERIENCE

Tata Consultancy Services, Pune

Software Engineer – DEC 2023 – PRESENT

- Contributed to a **WaaS** platform for high-quality product delivery and talent engagement.
- Used **React.js** for **UI**. Worked closely with the design team to ensure **consistent & high-quality UI**.
- Developed suite of **REST APIs in Java (Spring Boot)** and performed **optimizations** reducing the server response time by **20%**.
- Developed **AI Agents** and **chat interfaces** using **Next.js**, **Vercel AI SDK**, **Azure OpenAI generative models**, **Llama embedding models (RAG)**, and **Qdrant vector store**, reducing user's job execution time by **62%**. Created **Artifact Viewer** alongside chat interface for **real-time feedback**.
- Guided** junior developers, promoting **best practices** and maintaining **high code quality**.

Product Engineer – AUG 2022 – NOV 2023

- Worked on a product focused on developing **digital experiences** through high-level **intent specification** reducing the development time by around **85%**.
- Developed **end-to-end application features**, including comprehensive APIs in **Java (Spring Boot)** and frontend solutions in **React.js** and **PrimeReact** for **no code development**.
- Utilized **GPT-4** models for **generative assistance**.
- Built a **VS Code extension** to support, assist and augment intent specification creation.

Tata Consultancy Services, Kolkata (Remote)

Project Intern – JUN 2021 – AUG 2021

- Developed a **Virtual Trial Room** application enabling users to try on clothes using **AR** technology.
- Built frontend using **React.js** and used **react-three-fiber** to superimpose **3D** clothing models, achieving a success rate of **94%**.
- Used **OpenCV** and **MediaPipe** in Python for **AR vision** and **object detection**.

Humaps, Rourkela (Remote)

Web Developer – JAN 2021 – MAR 2021

- Contributed to the development of a **hyperlocal e-commerce platform** for spare parts & AMC services.
- Built **RESTful APIs** using **ExpressJS** as the backend framework and **MongoDB Atlas** as the database.
- Developed **responsive UI components** and **integration services** using **React.js** and **Material UI**.

EDUCATION

Bharati Vidyapeeth University, Pune JUL 2018 – JUL 2022

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

SKILLS

- Languages:** TypeScript, JavaScript, Java, Python, HTML/CSS
- Technologies:** React.js, Next.js, Node.js, Express.js, Spring Boot, Docker, PostgreSQL, MongoDB, JEST, GIT, AWS, Tailwind CSS
- Concepts:** Object Oriented Programming (OOP), Design Patterns,, REST API, Agile development, Micro service architecture, MVC, Flux, Component-based architecture, Root Cause analysis

AWARDS & ACHIEVEMENTS

- Recognized with the **Young Innovator** award by **TCS CTO, Dr. Harrick Vin** for building project POC's on generative AI assistance and RAG.
- Awarded **Star Performer of the Month**, for **2** consecutive months and **3** times in total.
- Received the **Star Crew** award for **teamwork excellence** during the Clean Code architecture migration.
- Won **StartUp Conclave 2.0** by pitching the idea of **Wisely**.

PROJECTS

- SupportTroops** – *React.js, Express, Solidity*
A transparent crowdfunding platform built over Blockchain to avoid fraud.
- CinePlanet** – *Spring Boot, React.js, PostgreSQL, Prisma*
A movie booking platform that efficiently handles concurrency during simultaneous ticket booking.
- EdWiser** – *React.js, Express.js, MongoDB*
A one-on-one curated counseling platform for graduates seeking industrial guidance