

Himanshu Saini

Software Developer

Experience: 4 Years

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Mohali, INDIA

Detail-oriented software developer with 4 years of experience building scalable backend systems and AI-driven applications. Strong expertise in Node.js (NestJS), TypeScript, Python, FastAPI, GraphQL, and vector databases (Qdrant). Experienced in designing microservices, engineering high-performance APIs, and integrating agentic AI flows using LangChain, LangGraph and RAG for document Q&A and workflow automation. Proven track record of improving scalability and maintainability, delivering real-time AI agents via LiveKit, and leveraging AI-assisted developer tools to accelerate delivery and improve code quality.

Node.js

NestJS

TypeScript

Python

FastAPI

GraphQL

RESTful API Development

Microservices

Qdrant

LangChain

LangGraph

RAG

LiveKit

Prisma

TypeORM

MySQL

Postgresql

AWS

Redis

Fast API

Javascript

Socket.io

System Design

MCP

Cursor

Claude Code

Gemini

Gitlab

Postman

Pgadmin

Large Language Model

Agentic Ai

Angularjs

React.js

Jwt

WORK EXPERIENCE

Software Developer-Bridging Technology Private Limited.

Sep 2025 - Present

- Owned end-to-end feature delivery from requirement analysis to deployment across backend (Node.js, NestJS, Python/FastAPI) and frontend (React.js, Angular).
- Engineered RESTful APIs that maintained **sub-1-second response times** under production load.
- Collaborated with the AI team to design and integrate agentic AI systems using LangChain and LangGraph for workflow automation and RAG-based document Q&A.
- Developed a LiveKit-based real-time voice AI agent that autonomously handled live customer meetings, executing actions like bookings and payments.
- Leveraged AI-assisted development tools to accelerate delivery cycles and ensure code quality.

Software Developer-Ashriya Infotech Private Limited

Oct 2022 - Sep 2025

- Analyzed client requirements to architect scalable, microservices-based backend systems, improving scalability by **40%**.
- Developed RESTful and GraphQL APIs and backend services using Node.js and NestJS, enabling efficient data handling and third-party integrations.
- Integrated machine learning models into production systems, bridging backend engineering with real-world AI applications.
- Built real-time communication systems using WebSockets and custom dashboards to enhance server reliability.
- Performed performance optimization including query tuning and background worker design to handle large-scale data operations.

PROJECTS

Instant Demo — AI-Powered Live Meeting & Sales Assistant

6 Months

- Built a live meeting platform featuring dynamic slide preparation and real-time transcription.
- Implemented an in-call AI agent for responding to voice and typed questions, enabling functions like booking follow-up meetings and mid-call consultant joins.
- Ensured secure access through OTP-based authentication and built an admin panel for full platform control.

Prism — Internal CRM & Multi-Product Analytics Platform

10 Months

- Built an internal CRM/analytics platform to track and manage performance stats across all company products.
- Designed a dual Node.js backend architecture combining monolithic services and microservices for RAG/AI flows.

Developed a Python AI backend powering RAG-based chatbots and integrated MySQL with Qdrant for semantic retrieval.	
Thynq (Mental Health Ecosystem)	22 Months
- Developed a healthcare platform enabling doctors to list services and patients to book consultations via face-to-face, phone, or video calls. - Built an AI-driven medical chatbot to handle patient queries and integrated secure Razorpay payments for bookings. - Implemented a package purchase system for virtual consultations improving platform monetization and patient outcomes.	
Blackmums - Online Community & Resource Platform for Mothers	28 Months
- Developed and deployed a scalable backend enabling community interactions, subscriptions, and secure payment processing. - Integrated real-time communication features—chat, notifications, and media-sharing—to improve user engagement and retention.	
Other Projects (LetsDXB, MyCoachApp, Learn Buddy, ARC, Subconsciously, Touchtight, HCAH)	Various
Contributed backend and AI integrations across multiple products including payment flows, real-time features, and platform-specific enhancements.	

EDUCATION	
MCA Computers Kurukshetra University	2023
B.C.A. Computer Applications (General) Kurukshetra University	2021
12th Haryana, English	2018
10th Haryana, English	2016

EXTRA-CURRICULAR ACTIVITIES	
Team Leadership	
Led a cross-functional team of four developers to successfully deliver critical projects on time, improving collaboration and delivery efficiency.	

ACHIEVEMENTS	
Key Achievements	
Led design and deployment of microservices architectures that improved scalability and maintainability; documented best practices that reduced deployment issues by 50% at previous employer.	

ADDITIONAL INFORMATION	
Hobbies: Technical Blogging, Open Source Contribution, Competitive Coding	
Languages: English, Hindi, Punjabi	