

# Harshal Ram R V

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## Education

**Bachelor of Engineering in Computer Science and Engineering**

May 2022 - June 2025

Coimbatore Institute Of Technology, Coimbatore, Tamil Nadu

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## Skills

- **Programming Languages:** JavaScript, Typescript
- **Frontend Development:** Next.js, React.js, React Query
- **Backend Development:** Node.js, Express.js, MongoDB, Firebase
- **DevOps:** Linux, Git, GitHub, Render
- **Gen AI Tools:** Cursor, Codex, Claude Code
- **Soft Skills:** Leadership, Public Speaking, Team Collaboration, Adaptability

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## Experience

**ProdGain Private Limited, Hyderabad**

**Junior Software Engineer**

Jun 2025 – Present

- Built a Sales Agent integrated with client databases to provide actionable insights and improve sales. Developed a real-time Sales Coaching Application using Gemini Live API to simulate sales calls and provide feedback.
- Created an agent framework accessible via REST API to support developers with research tasks.

**Intern Software Engineer**

Jan 2025 – May 2025

- Built an Agentic Research Platform with advanced customizable agents for complex research and simpler agents for general research. Integrated Internet Search, and Semantic Search tools.
- Designed backend for an Agentic chatbot, integrating a RAG framework for efficient PDF summarization

**Technologies:** TypeScript, Next.js, MongoDB, Node.js, Express.js

**BlockSurvey Technologies Private Limited, Bangalore**

**Intern Mern Stack Developer**

Sep 2023 - Oct 2023

- In a MVP of Social Media Application, Created user profiles and interactive feeds for sharing photos, audio, and video posts.
- Implemented RESTful APIs for user registration, authentication, and post management.

**Technologies:** MongoDB, Express.js, React.js, Node.js

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## Projects

**QueryLLM: AI-Powered Chat Application**

Feb 2026 - Mar 2026

- Architected a Full-stack AI chat application across three independently deployed services — a Next.js frontend, a REST API backend, and a dedicated AI server.
- Engineered real-time streaming responses using Server-Sent Events (SSE) and Vercel AI SDK and a tool-calling system.

**Technology:** Next.js, TypeScript, Node.js, Express.js, MongoDB, Firebase Auth, Vercel AI SDK

**SalesSense-AI (Text-to-SQL): Sales Data Analytics Chatbot Platform**

Aug 2024 – Sep 2024

- Created an AI-driven customer support chatbot that utilizes the Gemini-1.5-Flash to interpret user inputs and generate SQL queries for fetching relevant sales data.
- It uses the generated SQL queries to fetch data from the database and deliver accurate, contextually relevant responses to queries.

**Technology:** React.js, Vite, Node.js, Express.js, SQLite, TailwindCSS

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## Certifications

- **Docker for the Absolute Beginner - Hands On - DevOps** – Udemy [Certificate](#)
- **BlockChain Essentials** - Cognitive Class [Certificate](#)

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## Achievements

- **Vice President, Cryptera** – Conducted a technical symposium with 1,000+ participants *July 2024 - Apr 2025*
- **Best Outgoing Student Award** – PSG Tech Alumni Association *July 2021 - Apr 2022*