HARSHIT NIKAM

Mumbai, India

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Education

Sahyog college of IT, Thane   June 2023 – July 2026
Bachelor of Computer Applications   *Thane, Maharashtra*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

ERGO Technology And Service   February 2025 – Present
Software Engineer Intern   *Mumbai, Maharashtra*

- **Solved** the challenge of translating business documents while preserving formatting **by developing** a real-time PDF translator using Azure SDK and Azure Translator, **achieving** 95% accuracy and eliminating the need for manual adjustments
- **Optimized** document processing **by building** an end-to-end solution in Node.js and React, **reducing** PDF translation time to under 5 seconds per page and improving workflow efficiency
- **Enhanced** production-level development skills **by exploring** C# and .NET, **leading** to a 30% improvement in system performance and better integration with enterprise solutions.

Projects

DishaMarg | *Next.js, Groq AI, LangChain* -View Project   February 2025

- Guided students in career decision-making **by building** an AI-driven counseling tool, **improving** recommendation accuracy by 50%.
- Utilized Groq AI **to analyze** student profiles and **provide** personalized career paths, **increasing** relevant course enrollments by 45%.
- Developed an interactive chatbot using LangChain **to assist** students with queries, **reducing** counselor workload by 60%.

Campus++ | *MERN Stack, WebSockets* -View Project   December 2024

- Enhanced CodePathshala into a focused AI-driven learning platform **by removing** job-related features and **improving** personalized course recommendations, **increasing** student engagement by 40%.
- Implemented AI-based adaptive learning techniques **to tailor** course content dynamically, **boosting** completion rates by 35%.
- Integrated real-time communication using WebSockets **to enable** seamless interaction, **enhancing** student collaboration.

Blue Circle | *Next.js, WebRTC* -View Project   November 2024

- Boosted productivity for remote teams **by developing** an immersive VR-powered workspace, **resulting in** a 40% improvement in collaboration efficiency.
- Implemented WebRTC-based video calls and spatial audio **to create** a realistic remote work environment, **enhancing** engagement.
- Designed an AI-powered task management system **to streamline** workflows, **reducing** project delays by 30%.

Technical Skills

Languages: Java, C#, React.js, JavaScript, SQL
Developer Tools: VS Code,Azure, Google Cloud Platform, VS Studio
Technologies/Frameworks: Linux, Next.js, GitHub, RAG-OpenAI

Achievements

- First prize in the National Level Hackathon by VJIT College, Matunga.
- 1st Runner-Up - CodeBug 2023-2024 (Team Lead)
- Served as team leader for the 1st runner-up team in Hackcelestial, a national-level hackathon.
- 5 Times Hackathon Winner.