

# Himanshu Hegde

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A tech enthusiast with a strong interest in both frontend and backend development.

## EXPERIENCE

### Full Stack Developer Intern

Oct 2025 - Nov 2025

UDAL DC Fellowship, Wenlock Hospital, Mangaluru

- Built a system that powers 72 hospital screens with real-time updates for the blood bank, OT and pharmacy.
- Selected out of 800+ applicants.

### Freelance Web Developer

Nov 2024 - Mar 2025

Kreekarvat Technologies, Mangaluru

- Built modern, responsive web interfaces using React, Next.js, and Tailwind CSS.

## PROJECTS

[vidsync](#) | React, Next.js, WebSocket, Socket.io, YouTube Api, Node js

- VidSync — Real-time video syncing platform using Next.js and Socket.IO. Enables synchronized playback for group viewing across devices.

[character info app](#) | React, Next.js, Prisma ORM, Tailwind, Auth js, MongoDB, Node js

- User-driven anime character database with edit history, admin approval, and role-based access. Built for adding and managing character details

[Email-Aggregator](#) | PERN (PostgreSQL, Express, React, Node js), Socket.io, gemini api, IMAP connections, Nodemailer, Slack notifications, Webhooks, Prisma ORM, Docker

- Developed a real-time email management system with IMAP sync, Elasticsearch-powered search, email sending, and AI-based categorization integrated with Slack/webhooks.

[SignFlix](#) | Next.js, TypeScript, Node.js, Express, Azure, Google Gemini API, ffmpeg, RabbitMQ, Redis, Docker

- Built an accessible streaming platform with sign-language support that improves inclusivity for deaf users and uses a microservices architecture (RabbitMQ, Redis, Docker) to convert captions to ASL with 2x better performance.

## ACHIEVEMENTS

- Secured 3rd place in *AIINNOVATION\_25 Hackathon* powered by Kyndryl and Microsoft.
- Conducted workshops on topics such as TypeScript and MongoDB for peers.

## SKILLS

**Languages:** JavaScript, TypeScript, C/C++, HTML/CSS, SQL

**Tools/Platforms:** Git, GitHub, VS Code, Postman, Supabase, MongoDB, Firebase, Node.js, UiPath, Docker, Neon DB, REST API, ProtoBuf

**Libraries/Frameworks:** React, Next.js, Socket.io, Auth.js, Express.js, Prisma ORM, Tailwind

**Soft Skills:** Teamwork, Problem-solving, Adaptability, Collaboration, Quick-learner

## EDUCATION

**A J Institute of Engineering and Technology**

B.E. in Computer Science and Engineering