Himanshu Hegde

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

EDUCATION

A J Institute of Engineering and Technology
B.E. in Computer Science and Engineering

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.

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 | P*ERN (PostgreSQL,Express,React,Node js) ,Socket.io,gemini api,IMAP connections, Nodemailer,Slack notifications, Webhooks,Prisma ORM*
- 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, Do*cker*
- *Built an accessible s*treaming 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 2× 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++, Python, Java, 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