

VINAY H C

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Professional Summary

Full-Stack Developer skilled in building scalable, production-ready web applications using the **MERN and Next.js stacks**, with hands-on experience in both **frontend and backend architecture**.

Skills

- | | |
|--|---|
| <ul style="list-style-type: none">• Python• JavaScript• TypeScript• Java• React.js• Next.js | <ul style="list-style-type: none">• Node.js• Express.js• Zustand• TailwindCSS• HTML5• CSS3 |
|--|---|

Databases

- | | |
|---|---|
| <ul style="list-style-type: none">• MongoDB• MySQL | <ul style="list-style-type: none">• PostgreSQL• Supabase |
|---|---|

Tools

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| <ul style="list-style-type: none">• Git & GitHub• Postman | <ul style="list-style-type: none">• Cloudinary• Coolify |
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Projects

Hassan Today (Apr – Jun 2025) | hassantoday.com

- Engineered a full-featured CMS web application using **Next.js**, **React.js**, **Tailwind CSS**, **Framer Motion**, and **shadcn/ui**. Created a modular, responsive frontend with reusable UI components and smooth page transitions. Designed for real-time publishing of hyperlocal news, travel updates, and events in Hassan, India.
- Integrated a structured backend using **Strapi CMS** powered by **Node.js** and **Express.js**, with **Supabase** as the primary database. Enabled dynamic content creation with category-based APIs and custom endpoints. Ensured seamless communication between frontend and backend through optimized API queries.
- Deployed the entire stack on a **KVM2 VPS** from Hostinger using **Coolify** for CI/CD automation. Configured service monitoring, environment variables, and build pipelines for stable releases. Set up a custom domain with SSL and reverse proxy for secure, production-grade access.

Urban Shop (Oct – Nov 2024) | [Live Demo](#) | [GitHub](#)

- **Engineered** a scalable MERN-based e-commerce platform, sustaining **1,000+ concurrent users** in load tests. **Optimized** API performance with Redis caching, cutting query times by **40%**.
- **Secured** authentication via **JWT access & refresh tokens**. **Integrated** Stripe for seamless transactions. **Developed** an admin dashboard with **real-time sales analytics** for data-driven decisions.
- **Optimized** state management with Zustand, **reducing re-renders by 30%** and **boosting performance by 40%** over React's useEffect-based approach. **Implemented** a coupon system, **driving engagement and sales**.

Personal Portfolio (Feb – Mar 2024) | [Live Demo](#) | [GitHub](#)

- Developed a **responsive** portfolio using **React.js** to highlight projects and technical expertise.
- **Optimized SEO and performance**, ensuring fast load times and improved visibility.
- Designed an **intuitive UI** with seamless navigation for an enhanced user experience.

Certifications

- **JavaScript Algorithms & Data Structures** – freeCodeCamp | [View Credential](#)
- **Problem Solving (Basic)** – HackerRank | [View Credential](#)
- **Python Developer** – Sololearn | [View Credential](#)

Education

- **B.E.** Government Engineering College, Hassan – **6.5 CGPA** (2018 – 2024)
- **Pre-University**, BGS PU College, Hassan – **80.33%** (2016 – 2018)
- **High School**, Government High School, Hassan – **88.32%** (2015 – 2016)