

VAIBHAV TALKHANDE

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Profile Summary

Software developer with hands-on experience building full-stack web applications and real-time systems. Skilled in MERN stack , Nextjs , integrating third-party APIs and deploying end-to-end solutions.

Education

GH Rasoni College of Engineering and Management, Nagpur <i>Bachelor of Technology in Computer Science and Engineering</i>	2022 – 2026 <i>CGPA: 8.88</i>
The Royal Gondwana Public School, Nagpur <i>12th CBSE</i>	2020-2021 <i>86.6%</i>
Vimaltai Tidke Convent Atrey Layout, Nagpur <i>10th CBSE</i>	2018-2019 <i>90%</i>

Experience

QuickFusion innovations 1 Jan 2025 – 1 feb 2025
Web Developer Intern

- Developed 2+ responsive client websites using React.js and Tailwind CSS
- Revamped existing UI/UX components, resulting in a faster load time and improved SEO rankings for target pages
- Designed and delivered a company portfolio website that helped attract 5+ new clients within the first month of launch.

Projects

Stockit 🌐 | 🔗 Retail management app with inventory, sales, billing, analytics & AI insights.

- Multi-platform retail management system (web + desktop) built with **Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, Electron.js**. Deployed on Vercel(frontend) and Render(backend).
- Features secure **JWT-based authentication**, password reset with email tokens, provides REST APIs with modular architecture and secure HTTP-only cookie-based sessions
- Manage products, customers, stock, sales, and invoices with full CRUD and billing email support using **Nodemailer**.
- Integrated **Stripe** and Webhooks for payment and invoice generation.
- Real-time analytics with charts showing revenue, top-selling products, and customer insights.
- Implemented AI-powered business suggestions using the **Gemini API** for actionable insights.
- Desktop version built in **Electron.js** syncs seamlessly with backend

ShortSentinel 🌐 | 🔗 Secure URL shortener with live analytics, geolocation, and export features

- Built a full-stack URL shortener using **Reactjs, Tailwind CSS, Node.js, Express, PostgreSQL, Prisma, TypeScript, Electronjs**. Deployed on Render.
- Users can shorten URLs with custom codes, manage links, and view ownership-protected data via **JWT authentication**.
- Implemented a real-time analytics dashboard using **Socket.io** showing geographic, device, and timeline data with interactive **Recharts** graphs.
- Added export options for analytics data in **CSV and Excel** formats including metadata like location, browser, and ISP.
- Integrated **rate limiting, Zod validation, Helmet**, and **CORS protection** for strong security and basic DDoS protection.
- Developed a responsive UI with clipboard copy, loading states, and real-time click event tracking for enhanced user experience.
- Created a cross-platform **Electron.js desktop version** synced with backend using WebSockets.

Technical Skills

Programming Languages: Typescript, Javascript, Java

Front-End: Next.js, React, Redux, Material-UI, shadcn/ui, Tailwind CSS, HTML, CSS

Back-End: Node.js, Express.js, Prisma, Zod, MongoDB, PostgreSQL , SQL

Tools: Docker, Git/GitHub, Postman, Linux

Achievement and Extracurricular

GfG GHRCEMN Club Technical Head – Worked as Tech lead on building and maintaining the club website where using reactjs and managing technical events

GDSC GHRIET Club web developer – Worked as web dev team member contributed in building club website using reactjs and typescripts