

# VIKAS K

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## PROFILE

Software Engineer skilled in building secure, scalable, production-ready web applications, translating real-world problems into efficient full-stack solutions with strong engineering fundamentals.

## SKILLS

**Programming Languages** — Java, Python, JavaScript

**Web Technologies** — HTML, CSS, React.js, Node.js, Express.js, Next.js

**Databases** — MongoDB, MySQL

**Frameworks, Tools and Deployment** — Tailwind CSS, Git, GitHub, Postman, Cloudinary, Vercel, Render, AWS, Cloudflare

**Software Development** — Object-Oriented Programming (OOP), REST API Development, Agile Methodologies, SDLC

## EXPERIENCE

**Full Stack Developer Intern**, BLUE MIDAS CONSULTING

10/2025 – 01/2026 | Remote

**Client:** Tinker Tales (D2C Handicrafts Brand)


- Built and deployed a production-grade D2C e-commerce platform, owning the full stack from storefront to backend. Implemented authentication, checkout, payments, order lifecycle (returns/cancellations), and GST-compliant invoicing; integrated OAuth, payment gateways, shipping aggregators, and transactional messaging eliminating manual operations and ensuring zero-failure production releases.
- Optimized performance and scalability through load testing, backend query optimization, frontend lazy loading, modern image compression, and CDN caching, achieving ~90% faster page loads and stable performance during peak sale traffic.
- Designed a cost-efficient, secure cloud architecture under startup constraints using cache-friendly data fetching, low-cost hosting, object storage, CDN, and edge security. Implemented rate limiting, secrets management, encryption, audits, validation, and logging reducing infrastructure costs by ~40% while maintaining production-grade reliability.
- Improved UX, SEO, and Core Web Vitals using Lighthouse insights boosting mobile performance from 49 → 70, web performance from 86 → 98, and SEO from 83 → 92 via image optimization, critical CSS, deferred scripts, layout stability fixes, and render-path tuning.
- Leveraged AI developer tools (ChatGPT, Gemini AI, Claude) for system design validation, code optimization and debugging.

**Web Developer Intern**, SHADOWFOX


08/2025 – 09/2025 | Remote

- Engineered a production-ready web application with scalable data workflows, secure authentication, optimized user journeys, and seamless payment processing, improving page load performance by ~60%, supporting high concurrent traffic, and enabling reliable, error-free transactions in production.
- Redesigned and optimized a dental clinic website to improve mobile responsiveness, performance, and SEO, achieving a 40% reduction in page load time and a 30% increase in mobile engagement.

## PROJECTS

**IntervAI**, React.js, Tailwind CSS, Node.js, Express.js, MongoDB 

- Designed an adaptive AI-driven interview system with a real-time evaluation agent that dynamically adjusts question difficulty based on candidate responses, improving interview relevance by 35–45% and reducing repeated or off-level questions by ~80% across multi-question sessions.
- Built a fully voice-driven interview pipeline using Deepgram for real-time speech-to-text and Sarvam for language understanding and response generation, enabling 100% voice-based input and output with stable, hands-free conversational flow.
- Implemented an automated post-interview evaluation agent for structured feedback and performance tracking.

**Skillbridge**, React.js, Node.js, Express.js, MongoDB 

- Built a points-based skill exchange platform where teaching earns credits and learning consumes credits, eliminating direct payments and supporting multiple skills per user with concurrent learning sessions and strong data integrity.
- Automated the complete live session lifecycle including scheduling, instant meeting link generation, post-session reports, and structured feedback, enabling 100% end-to-end session management with reliable tracking across sessions.
- Designed high-performance skill discovery using indexed search and filtering, achieving sub-second to ~2s response times under normal load and enabling fast, accurate skill matching.

## EDUCATION

**PCMC**, MESKK PU College

2020 – 2022 | Bengaluru

GRADE:88.6%

**Computer Science and Engineering**, MVJ College Of Engineering

2022 – 2026 | Bengaluru

CGPA:8.97(Semester 1-6)

## ACHIEVEMENTS

- Secured 3rd Place at INNOVEX-25, MVJ College of Engineering, selected from 150+ competing teams.
- Awarded Best Health & Humanity Prize at a Project Expo, recognized among 50+ teams for a socially impactful innovation.

## CERTIFICATES

- Developing Front-end Apps with React (Coursera/IBM)
- Developing Back-End Apps with Node.js and Express (Coursera/IBM)