

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 — Tailwind CSS, Git, GitHub, Postman, Cloudinary

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

EXPERIENCE

Full Stack Web Developer Intern, BLUE MIDAS CONSULTING

10/2025 – Present | Remote


- Led the end-to-end modernization of a legacy e-commerce platform into a production-grade system, automating authentication, checkout, payments, order lifecycle, returns/cancellations, and GST-compliant invoicing through integrated OAuth, payment, shipping, and messaging services, eliminating manual order handling errors and enabling reliable production deployments.
- Improved system performance and scalability through load testing, backend query optimization, frontend lazy loading, image compression, and cache tuning, achieving ~90% performance gains and stable behavior under peak concurrent traffic.
- Drove cost-efficient architecture decisions by evaluating data-fetching strategies and selecting a simpler, scalable request model, leveraging optimized hosting, object storage, CDN, and edge security to reduce latency and cut infrastructure costs by ~40%.
- Established production-grade security and compliance by implementing API rate limiting, secure secrets management, encrypted data flows, dependency audits, strict input validation, structured error handling, audit logging, and cloud perimeter protections.

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, TailwindCSS, Node.js, Express.js, MongoDB 

- Designed an adaptive AI-driven interview system with a real-time evaluation agent that adjusts question difficulty based on candidate responses, improving 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/output and stable hands-free conversational flow.
- Implemented an automated post-interview evaluation agent generating structured feedback across four dimensions (strengths, gaps, action items, recommended topics), enabling comparison and performance tracking across multiple interview attempts.

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
GRADE: 88.6%

2020 – 2022 | Bengaluru

Computer Science and Engineering, MVJ College Of Engineering
CGPA: 8.97 (Semester 1-6)

2022 – Present | Bengaluru

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)