

VIKAS K

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LinkedIn

GitHub

LeetCode

Portfolio

Summary

Software Engineer with strong foundations in **Data Structures, Algorithms, and Problem Solving**, building **scalable full-stack applications** and robust backend systems. Proven experience through internships and hackathons developing **secure, high-performance, production-ready** software.

Education

MVJ College of Engineering

Bachelor of Engineering in Computer Science and Engineering CGPA: 8.99 (Sem 1-7)

Dec 2022 – Present

Bengaluru, Karnataka

MESKK PU College

Pre-University Course (PCMC) Grade: 88.6%

Jun 2021 – Mar 2022

Bengaluru, Karnataka

Experience

Full Stack Developer Intern, Blue Midas Consulting

Nov 2025 – Feb 2026 — Remote

Client: Tinker Tales (D2C Handicrafts Brand) [🔗](#)

- Built and deployed a **production-grade D2C e-commerce platform** owning the full stack — implemented **JWT auth, OAuth, Razorpay payments**, order lifecycle (returns/cancellations), GST-compliant invoicing, and **REST APIs**, eliminating all manual workflows with **zero-failure production releases**.
- Optimized performance via **load testing, query tuning**, lazy loading, image compression, and **CDN caching** achieving **90% faster page loads**; designed cost-efficient cloud architecture with object storage, edge security, rate limiting, and encryption reducing infrastructure costs by **40%**.
- Boosted **Core Web Vitals** using Lighthouse — mobile **49 to 70**, web performance **86 to 98**, SEO **83 to 92** — following **Agile** methodology; leveraged **AI tools** (ChatGPT, Gemini, Claude) for system design validation and debugging.

Web Developer Intern, ShadowFox

Aug 2025 – Sep 2025 — Remote

- Engineered a **scalable production-ready web application** with **secure authentication** and **payment processing**, improving performance by **60%** under high concurrent traffic.
- Redesigned and optimized a dental clinic website, reducing **load time by 40%** and increasing **mobile engagement by 30%**.

Projects

IntervAI | React.js, Node.js, Express.js, MongoDB, LLMs [🔗](#) [🔗](#)

- Built an adaptive **AI interview simulator** with **LLM-driven** dynamic question generation and real-time evaluation, improving relevance by **35–45%** and reducing off-level questions by **80%**.
- Architected **end-to-end voice pipeline** via **Deepgram** enabling **100% hands-free** conversational interviews.
- Engineered **session-based LLM scoring** and automated feedback cutting manual review effort by **70%**.

Skillbridge | React.js, Node.js, Express.js, MongoDB, JWT [🔗](#) [🔗](#)

- Developed a **full-stack skill exchange platform** with **JWT auth**, credit-based transactions, **real-time session booking**, and Google Meet integration supporting concurrent users.
- Optimized **indexed search** achieving **90%+ performance scores** and **60%** improved query efficiency.
- Atomic credit ledger** ensuring **100% balance consistency** across concurrent session bookings.

Support Ticket System | React.js, FastAPI, PostgreSQL, LLMs, Docker [🔗](#)

- Built **full-stack ticket platform** with **FastAPI** and **PostgreSQL** featuring lifecycle management, filters, search, and **single-command Docker deployment**.
- Integrated **Sarvam AI** to auto-classify tickets improving **routing accuracy by 75%**.
- DB-level aggregation** for real-time stats dashboard with priority/category breakdowns at **sub-100ms** response.

Technical Skills

Languages: Java, JavaScript, Python, HTML

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, FastAPI, Tailwind CSS, JWT

Databases: MongoDB, PostgreSQL, MySQL

Cloud & Deployment: AWS (S3), Cloudflare (R2), Vercel, Render

Tools: Git, GitHub, Postman, Docker

Core Concepts: Data Structures & Algorithms, OOP, REST API Development, SDLC

Achievements & Hackathons

- 3rd Place – INNOVEX-25**, MVJ College of Engineering, selected from **150+ teams** for technical innovation.
- Best Health & Humanity Award** at Project Expo, recognized among **50+ teams** for socially impactful solution.
- Reached **Top 50** at Avishkar Hackathon, competing against **500+ teams** nationwide.
- Demonstrated **teamwork and leadership** in projects, applying **logical thinking** to solve complex coding challenges.