VIVEK KUMAR GUPTA

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EDUCATION

Bachelor's in Computer Engineering — University of Mumbai 2023
Lokmanya Tilak College of Engineering, Navi Mumbai, Maharashtra, India. — CGPA : 9.57

Diploma in Computer Engineering — MSBTE 2020
VPM's Polytechnic, Thane, Maharashtra, India. — Percentage: 88.69%

SKILLS

Front-End	React.js, Next.js, Javascript (ES6+), Tailwind, GSAP
Back-End	Express.js, Node.js, RESTful APIs
Database	MongoDB, PostgresSQL, MySQL
Programming language	Javascript, Python, C, C++
Tools & Platform	Git, Github, Vercel, Netlify
Other Skills	JWT Authentication, AI integration (GPT-4o)

PROJECTS

QuickCart - E-commerce Website Link

- Developed Quick Cart, a full-stack e-commerce app using Next.js App router, Clerk for role-based auth, Prisma ORM, and PostgreSQL, enabling secure and scalable user/admin functionality.
- Integrated Redis for cart state caching and real-time updates.

Codersz - AI powered online code editor Link

- Built a full-stack AI-powered online code editor & compiler with real-time collaboration, using Next.js, Monaco editor, and Piston API.
- Integrated AI-powered code suggestions and debugging with GPT 4o-mini, plus real-time collaboration (Socket.io) and Oauth-based authentication using NextAuth.

WORK EXPERIENCE

Frontend Developer - Assistant System Engineer Dec 2023 - Current
Tata Consultancy Services (TCS) *Powai, Mumbai, India*

- Maintained & developed scalable React.js applications with modular architecture, improving component reusability and reducing code redundancy by 30%.
- Optimized front-end performance through lazy loading, memoization, and API response caching, resulting in 40% faster render times across dashboards.

Full Stack Developer Intern June 2019 - August 2019
Software Complete Solution Tech, Kalyan *Kalyan, Maharashtra, India*

- Developed & maintained client's full stack web applications.
- Gained hands-on experience in developing web pages and optimizing page performance of the website using Search Engine Optimization (SEO).

HACKATHONS & ACHIEVEMENTS

- Participated in AMD AI Hackathon held at IIT Bombay, India, proposed solution on meeting scheduling assistant using Meta-Llama-3.1 and LangGraph.
- Boosted site traffic on GoldRatePune.com to 100k+ monthly impressions through SEO.
- 300+ Leetcode problems solved.