Kalash Vasaniya

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EDUCATION

Vellore Institute of Technology — Vellore, India
Bachelor of Technology in Computer Science and Engineering, CGPA 8.04/10 — *Sep 2021 – May 2025*

EXPERIENCE

Web Developer Intern — Jun 2024 – Jul 2024
Zidio — *Remote*
- Revamped user interfaces by incorporating modern design principles, leading to a 30% improvement in both functionality and aesthetics across the platform through Agile methodologies.
- Engineered responsive websites using modern frameworks, increasing efficiency by 25%.

Open Source Contributor — Feb 2022 – Aug 2022
Girlscript Foundation — *Remote*
- Resolved 43 issues across 15 repositories during the GSSoC22 & 23 events, which enhanced technical skills by approximately 40% and contributed to various open-source projects.
- Achieved a notable rank of 33rd out of over 4500 participants, placing in the top 0.73% of contributors.

PROJECTS

The Pair Up | *Next.js, Tailwind CSS, MongoDB, Cloudinary, Resend, Vercel, Node.js, Rest API.* | GitHub | Live
- Founded **"The Pair Up"**, a unique pseudonymous social network platform, resulting in a notable 30% growth in user base per month and a high engagement rate of 75%.
- Enhanced user privacy and creative expression by 100% through a pseudonymous approach to social networking.
- Increased online interaction by 30% through pseudonymous profiles, expanding self-expression opportunities.
- Facilitated real-time chat, anonymous posts, likes, and comments, empowering college students to make meaningful connections with live notifications and the "Interested" feature.

Vintage Vortex | *Next.js, Tailwind CSS, Stripe, MongoDB, Node.js, Vercel REST API, Formspree.* | GitHub | Live
- Built a Next.js & Tailwind e-commerce site, cutting load times by 40% and boosting engagement by 30%.
- Integrated Stripe for secure payment processing, ensuring full PCI DSS compliance and safeguarding user data.

Stock Sense AI | *Next.js, Tailwind CSS, Chart.js, OpenAI API, Vercel, Node.js.* | GitHub | Live
- Created a stock analysis platform with Next.js and Chart.js, using Finnhub and Alpha Vantage APIs for live data to support informed investment decisions.
- Integrated OpenAI API for AI-driven stock insights and buy/sell suggestions, boosting decision-making by 50%.

RAG Vision | *Next.js, Tailwind CSS, PerplexityAI API, Pinecone, Hugging Face, Rest API.* | GitHub | Live
- Built RAG (Retrieval augmented generation) Vision, an AI-powered movie encyclopedia using Next.js, Perplexity AI, Pinecone, and Hugging Face, improving accuracy by 23% and reducing latency by 18%.
- Implemented a real-time chat interface with vector search, boosting response time by 27%.

ACHIEVEMENTS & CERTIFICATIONS

- Postman API Fundamentals Student Expert – Postman.
- AWS Certified Cloud Practitioner – Amazon Web Services (AWS).
- Ranked 33rd in Girl Script Summer of Code (GSSoC'22) among 4500+ participants – GSSoC'22.
- Distributed Database System Expert – CouchDB.
- Hacktoberfest Contributor – Holopin (Open Source Contributions).
- Various Certifications – LinkedIn Certifications.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C++, SQL, NoSQL, TypeScript, HTML5, CSS3.
Frameworks: Next.js, React.js, Node.js, Express.js, Tailwind CSS, Chart.js, Recharts, Agile, Scrum.
Developer Tools: Git, GitHub, Vercel, MongoDB, MySQL, VS Code, IntelliJ, Postman, CI/CD Pipelines, AWS S3, Resend, Pinecone.
Libraries: Perplexity AI, Generative AI, OpenAI API, Matplotlib, Mongoose, Hugging Face.
Others: Data Structures and Algorithms, Computer Networks, Database Management Systems.