

# Kalash Vasaniya

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering, CGPA 8.07/10

Vellore, India

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

GirlsScript 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, Agile, Scrum.

**Developer Tools:** Git, GitHub, Vercel, MongoDB, MySQL, PostgreSQL, VS Code, IntelliJ, Postman, CI/CD Pipelines, AWS S3, Apache Kafka, Resend, Pinecone.

**Libraries:** TensorFlow, Scikit-learn, Matplotlib, Mongoose, OpenAI API, Generative AI, PySpark, Hugging Face.

**Others:** Perplexity AI, Data Structures and Algorithms, Operating Systems, Object-Oriented Design & Programming, Computer Networks, Database Management Systems, Machine Learning.