

# 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.
- Developed 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.
- ThePairUp facilitates 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 an e-commerce website using Next.js and Tailwind CSS, achieving a 40% reduction in page load times and a 30% increase in overall user engagement.
- 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%.

### Vegetable Fruit detection | *Jupyter Notebook, Python libraries (TensorFlow, NumPy, and Matplotlib)* | [GitHub](#)

- Developed a CNN model for vegetable and fruit detection, achieving 85% accuracy across 20+ produce types.
- Optimized training algorithms, reducing time by 30% and boosting accuracy by 10%.

## 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

**Libraries:** TensorFlow, NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, Mongoose, OpenAI API, GenAI, PySpark

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