

Kanishk Sharma

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Education

Vellore Institute of Technology
B.Tech in Computer Science(CGPA-8.98)

Sept 2022 – July 2026

Experience

Frontend Developer Intern

Remote

Jivan Health

Jan 2024 – April 2024

- Led Next.js integration for a healthcare portal, improving performance by 40% and reducing load time by 60%.
- Integrated an AI Chatbot with real-time doctor consultation.

Full Stack Developer

Remote

BuildSpace

Aug 2023 – Oct 2023

- Developed Reposight, connecting developers with open-source projects.
- Utilized MERN Stack, and GitHub Bots.
- Invited to the Buildspace summit in Dubai, UAE.

Projects

Reposight

Aug 2023-Dec 2023

- Implemented GitHub API integration to index 500K+ repositories and optimized query performance with Redis caching, reducing response time by 40%
- Designed a scalable microservices architecture using Node.js (Express.js) and Next.js, with MongoDB for persistent storage and Docker for containerized deployment, ensuring high availability and efficient resource utilization.

VHTOP

March 2024-April 2024

- Automated hostel management operations with real-time data synchronization using Firebase and secured transactions via Razorpay, ensuring 99.9% uptime and seamless payment processing.
- Created a scalable full-stack system with Next.js for the frontend, Firebase for backend services, Zustand for state management, ensuring efficient scalability and maintainability.

UDAAN

September 2024

- Trained and deployed machine learning models for dropout risk prediction, achieving 95% accuracy, and implemented real-time data processing with Firebase BaaS, enabling instant alerts and intervention strategies.
- Developed a scalable full-stack system using Next.js for the frontend and Firebase for backend services, supporting multilingual access and a community engagement module,

Publications and Certifications

AWS Cloud Practitioner

Jan 2025

Amazon Web Services

SafeRoutes: Charting a Secure Path - A Holistic Approach to Women's Safety Through Advanced Clustering and GPS Integration

Oct 2024

IEEE

[Paper Link](#) [🔗](#)

Technologies

Languages: C++, C, Java, Python, SQL, JavaScript, TypeScript

Technologies: NodeJS, NextJS, ReactJS, Redux, Redux Toolkit, Github, FireBase, PostMan