Kenneth Jezreel

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Summary

Final-year Computer Engineering student passionate about building scalable full-stack applications and AI-powered tools. Experienced in LLM integration, developer-agent workflows, and end-to-end product development.

Experience

Web Developer Intern   *Navi Mumbai, MH*
Geriatric Care and Health Foundation   *Jan 2024 - June 2024*
[Live Link ↗]

- Launched the NGO's first official website, growing monthly visitors from 0 to 150+ within two months.
- Integrated Razorpay for online payments, enabling supporters to contribute directly through the site.
- Applied responsive design principles and modern UI patterns to improve mobile usability and engagement.
- Technologies: Node.js, React.js, MongoDB, HTML/CSS, Git, Vercel

Education

BE in Computer Engineering   *Expected Graduation: Jul 2026*
Xavier Institute of Engineering

- **Coursework:** Data Structures and Algorithms, Operating System, Database Management System, Computer Architecture, Machine Learning, Computational Theory

Certifications

Foundations of AI and Machine Learning   May 2025
Microsoft
[Certificate Link ↗]

Data Analysis and Visualization with Python   Apr 2025
Microsoft
[Certificate Link ↗]

Projects

Knowflow   [*Live Link* ↗]

- Built a tool to auto-generate IEEE-style research papers and docs from GitHub repos using LLMs.
- Used Ollama/OpenRouter APIs with Flask backend; frontend built with Next.js and TypeScript.
- Parsed and summarized repo content via prompt engineering and structured inference.

Zoom Clone   [*Source Code* ↗]
Ongoing Project

- Developing a video conferencing app using Next.js, TypeScript, Clerk for authentication, and Stream for real-time communication.
- Implementing WebRTC for peer-to-peer media streaming with scalable UI and user management.

Technologies

Languages: Python, Java, JavaScript, TypeScript, HTML, CSS

Frameworks & Libraries: React, Next.js, Node.js, Express.js, Flask, scikit-learn

Tools & Platforms: Git, GitHub, Vercel, Postman, MongoDB, Docker, VS Code, Clerk, Stream, WebRTC