

# Vyshnav K

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## Education

**B.E in Computer Science Engineering** – St Joseph Engineering College Sep 2022 - Present  
**Kerala Higher Secondary Board - PCMC (82.92%)** – GHSS Mathil March 2022

## Skills

- **Languages:** JavaScript, TypeScript, Python, Go, Java, SQL,
- **Libraries & Frameworks:** React, Next.js, Tailwind CSS, FastAPI, Express.js, Hono, Prisma, Redux, Zustand
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB, Firebase, Supabase, Appwrite, Redis
- **Tools:** Node.js, Git, Github, Docker, Postman, Vercel, Netlify, GitHub Actions, CI/CD Pipelines
- **API Development:** REST, WebSockets

## Projects

### HackToFuture 3.0 - NFC-Enabled Evaluation Web App

- *Technologies:* React, Vite, TypeScript, Appwrite, Tailwind CSS, Zustand, Web NFC API
- Developed a web app for HackToFuture 3.0 to streamline hackathon evaluations using **Web NFC API** for **real-time team tracking**
- Enabled automatic updates of team data on judges' devices upon room entry by scanning NFC-enabled participant ID cards, enhancing **evaluation efficiency**
- Integrated a volunteer interface for scanning ID cards outside rooms, syncing data seamlessly with **Appwrite backend**, deployed on **Vercel**

### Tiara'25 - A Techfest Website

git.new/tiara2025

- *Technologies:* Next.js, Tailwind CSS, Prisma, Razorpay, Resend, TypeScript, Next-Auth, Three.js, Framer Motion, PostgreSQL, GSAP
- **Led** development as Web Lead for the Tiara 2025 event website, enabling users to explore over 20 events across **4 categories**
- Utilized Next.js, Tailwind CSS, Prisma, and Razorpay for seamless user experience, event registrations, emailing, and payments, achieving **7000+ visitors** and **55,000+ page views**
- Implemented a **authentication flow** using Next-Auth to facilitate secure user registration
- Converted to a **database-driven RBAC system** with PostgreSQL

### TEDxSJEC Website

tedxsjec.in

- *Technologies:* Next.js, Tailwind CSS, Prisma, Razorpay, Resend
- Developed the official website for TEDxSJEC, enabling users to explore event details, view speaker profiles, and register for the event
- Integrated **Razorpay** for seamless registration payments and **Resend with React Email** for sending dynamic confirmation emails after successful registrations
- Delivered a **responsive and visually appealing UI** using Tailwind CSS and deployed on **Vercel**, achieving **high engagement** and efficient user registration

## Achievements

- **2nd Runner-up, HackFest 2025**, NMAMIT – 36-hour national hackathon.
- **Track Prize, ETHIndia 2024 (Akave)** – Built decentralized storage with Akave.