Samyak Piya

I'm a full-stack developer on a quest to one day casually overhear someone in a coffee shop rave about an app I've poured my heart and code into.

Mobile: +1 (859) 285-5201
Email: samyakpiya@gmail.com
www.samyakpiya.com
linkedin.com/in/samyakpiya
github.com/samyakpiya

SKILLS

Programming: HTML, CSS, JavaScript, TypeScript, React, Next, Redux, Zustand, Zod, NextAuth, Stripe Python, Java, Spring, React Native, Express, GraphQL, Redis
Databases: MongoDB, Firebase, MySQL
DevOps: Git/GitHub, GitLab
UI: Figma, TailwindCSS, shadcn/ui, Framer Motion

EDUCATION

Bachelor of Science in Computer Science
University of Kentucky, Aug 2020 – May 2024
GPA: 3.82/4.00 | Dean's List All Semesters

WORK EXPERIENCE

Infineon Technologies | Frontend Engineer
July 2023 – Present | Lexington, KY

- **Led Full-Stack Redesign:** Spearheaded the modernization of Infineon's legacy archive management system by transitioning to Next.js from ThymeLeaf, significantly enhancing interface modernity and development efficiency.
- **Optimized Performance:** Boosted system responsiveness and user experience through advanced query caching and optimization of CPU-intensive tasks, resulting in a seamless experience across all devices.
- **Quantifiable Achievements:** Elevated website metrics as per Google Lighthouse; +2% performance, +60% accessibility, +40% best practices, +72% in SEO.
- **Collaborative Technical Leadership:** Engaged in cross-functional teamwork, accelerating project delivery and feature enhancement, demonstrating strong project management skills in a dynamic environment.
- **Tech Stack**: TypeScript, TailwindCSS, React, Next.js, NextAuth, Zod, Zustand, Docker, Java, Spring

UKITS | Software Engineer Intern, Network
Jan 2023 – May 2023 | Lexington, KY

- Shadowed a Network Engineer II, gaining insight into network management and infrastructure.
- Mastered industry-critical technologies, including Cisco IOS, routing protocols, and switch configuration, through immersive, hands-on experiences.
- My contributions were pivotal in modernizing the UKITS's network infrastructure, ensuring scalability and high availability for all business operations.

PROJECTS

CatSafe App
Led the design and development of the CatSafe app, guiding a team of five through the process. Our goal was to offer a confidential platform for students to discuss mental health issues freely.

- Developed a dynamic, responsive user interface with React.js, utilizing state management patterns and hooks to maintain a seamless, interactive application flow.
- Integrated WebSockets with MongoDB for instant messaging and efficient chat data management, enhancing user engagement in real-time discussions
- Implemented NextAuth for authentication, enhancing security with JWT tokens and session management to maintain a secure, user-friendly access control system.
- **Tech**: Next.js, React.js, TailwindCSS, MongoDB, NextAuth, WebSocket

LEADERSHIP EXPERIENCE

University of Kentucky International Center | International Student Ambassador
Aug 2020 – Present | Lexington, KY

- Acted as a key representative for a diverse community of over 2,000 international students.
- Organized and led over 12 cultural exchange events annually, enhancing campus inclusivity and promoting global understanding among students from 100 different countries.
- Collaborated on 3 major initiatives aimed at improving the international student experience, including orientation programs and cultural workshops.

EXTRACURRICULARS

- International Student Ambassador
- VP - UK Association for Computing Machinery
- Member/Coder - UK Solar Car