

Samyak Piya

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Education

Bachelor of Science	<u>University of Kentucky</u>	Lexington, KY	Anticipated Graduation: 05/2024
<ul style="list-style-type: none">• Major in Computer Science• Relevant Coursework: Data Structures, Algorithms, Web Programming, Database Systems, Systems Programming, Concurrent Programming, Computer Networking, Artificial Intelligence, Graphics and Multimedia, Cryptology			GPA: 3.93 / 4.0

Skills

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

Frontend: HTML, XML, CSS, SCSS, JSX, Bootstrap, Tailwind, Figma, React, Redux, Refine, Next

Backend: MongoDB, MySQL, Express, Node, Firebase, GraphQL, Sanity

Other: Git, GitHub, Unix/Linux, Agile, JIRA, OOP, Unit Testing, Jest, Makefile, Cisco IOS

Experience

Network Engineer, Intern	<u>UK Information and Technology Services</u>	Lexington, KY	01/2023 - Current
<ul style="list-style-type: none">• Developed scripts and tools to automate network tasks and monitoring using Python.• Leveraged APIs provided by network devices to integrate them with CMDB, ticketing systems, and monitoring tools.• Wrote custom software to extract data from network devices and visualize it using data visualization tools.			
IT Technical Assistant	<u>UK Information and Technology Services</u>	Lexington, KY	03/2021 – Current
<ul style="list-style-type: none">• Provided technical support and assistance to UK students, faculty, and staff in using university-provided IT resources.• Responded to technical support requests from users and troubleshooted to resolve technical issues.			

Projects

Portfolio Website – Full Stack Developer	www.samyakpiya.com
<ul style="list-style-type: none">• Designed and developed a full-stack portfolio website with a modern and visually appealing user interface that utilizes the latest UI/UX design principles and effectively showcases my skills and accomplishments.• Integrated Sanity as a headless CMS, enabling dynamic content management with ease.• Leveraged Framer Motion as the animation library, elevating the website's overall aesthetic and user experience.• Collaborated with a team of five to create an anonymous web chat app designed to provide a safe and supportive space for students to address their mental health issues and connect with locally available resources.	
CatSafe – Frontend Lead	https://github.com/Project-SAP
<ul style="list-style-type: none">• Collaborated with a team of five to create an anonymous web chat app designed to provide a safe and supportive space for students to address their mental health issues and connect with locally available resources.• Led the development of user interface and user experience using Tailwind, React, and Next.• Implemented secure user authentication and authorization using NextAuth's JWT and Session.• Adopted an Agile workflow with daily stand-ups, and sprints, and used JIRA for efficient project management.	
CRWN Clothing – Full Stack Developer	https://github.com/piyasamyak/crwn-clothing
<ul style="list-style-type: none">• Constructed a massive, enterprise-level, full-stack e-commerce application like Shopify using the MERN stack.• Incorporated features like user authentication, payment processing, cart and product management, and more.• Delivered a high-performance, scalable, and secure e-commerce solution with a clean and user-friendly interface.• Utilized React, Redux, React Hooks, React Suspense, React Router, GraphQL, Context API, Firebase, Redux-Saga, Stripe, and other modern technologies.	
Yariga – Full Stack Developer	https://github.com/piyasamyak/yariga
<ul style="list-style-type: none">• Developed a full-stack MERN dashboard application with robust CRUD functionalities.• Implemented user authentication and added advanced features such as pagination, sorting, and filtering.	

Extracurriculars

- **Student Ambassador:** Played a vital role in supporting and representing the student community at UK.
- **UK Association for Computing Machinery, Member:** Promoted computer science through events and projects.
- **UK Solar Car, Apprentice:** Contributed to the development of UK Solar Car team's vehicle system utilizing C++.