KAMRAN NAVEED SYED

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GitHub: github.com/KamranNaveed **Portfolio:** kamransyed.netlify.app

WORK EXPERIENCE

Freelance
Fullstack Developer   Nov 2021 - Present

- Designed and developed responsive web applications using a variety of technologies, including HTML, CSS, JavaScript and React
- Implemented server-side logic and database integrations using Node.js, Express.js and MongoDB
- Worked closely with clients to gather requirements, define project scope, and deliver high-quality web solutions that meet their needs

SEECS IPT Lab – National University of Sciences and Technology   Islamabad, Pakistan
Assistant Researcher - Machine Learning   Aug 2021 - Jun 2022

- Research output included a conference paper titled "Performance Analysis of THz Enabled HetNets in Various Building Densities", presented at IEEE VTC2022.
- Carried out research on applied Machine Learning for Mobile Communications. Investigated Quality of Service for deployment of AI aided heterogeneous systems in varying buildingdensities.
- Explored the effectiveness of Reinforcement Learning Algorithms over traditional Monte Carlo Simulations for resource optimization in beyond 5G systems.

College of Accountancy and Professional Studies   Lahore, Pakistan
Python Developer   Aug 2021 - Dec 2021

- Developed and maintained Python scripts to automate clerical and email tasks reducing manual data entry time by 75% and PKR60,000 monthly in labor costs
- Implemented scheduling algorithms using Python to streamline and optimize course scheduling
- Improved data accuracy and reliability through the implementation of data validation and error handling
- Trained and supported non-technical colleagues on script usage for data entry and scheduling

EDUCATION

National University of Sciences and Technology   Islamabad, Pakistan
Bachelor of Engineering – BE Electrical Engineering   Sep 2018 - Jun 2022

SKILLS

Languages:	JavaScript, HTML/CSS, Python, SQL
Frontend:	React.js, Redux, React Router, Next.js, TailwindCSS, MaterialUI, Sass
Backend:	Node.js, Express.js, MySQL, MongoDB, Firebase, RESTful APIs
CI/CD:	Version Control (Git), Cloud Deployment (AWS)

PROJECTS

Razex Chat	Real-time private chat app built with **React** and **Firebase.** Includes authentication, user sign-up/login and abuse/spam filtration.
Mixor	Ecommerce store, with responsive design, for sound equipment, built using **Next.js** and **Sanity**. Includes **Stripe API** integration to handle payments.
KamiSocial	Facebook clone social media app built with **React**, **Express** and **MongoDB**. Includes user sign-up/login, post creation, profile page and home feed features