Saqlain Khan

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EDUCATION

MUMBAI UNIVERSITY
BTech
Dec 2020 | Mumbai, MH

ALGO UNIVERSITY (YC S21)
Hyderabad, TG (Remote)
Leap Batch of 2022

Learned Problem Solving & **solved 300+ problems** using DSA & made scalable projects under mentorship of ACM-ICPC World finalists, IOI Medalists, Senior Engineers from Google, Apple, Grab Singapore and Microsoft.

COURSEWORK

ALGOUNIVERSITY

Problem Solving using DSA
Competitive Programming
CS Fundamentals
Software Developmet
System Design
Scalable Architecture & design
Soft Skills
Version Control - Git
Low Level Design
Computer Networks

SKILLS

LANGUAGES
JavaScript • Java • Python
• Typescript • SQL

WEB TECHNOLOGIES
React • HTML • CSS • Express.js
• Mongo DB • Redux • Material-UI

DEVELOPER TOOLS
Git • Docker • Ansible • Kubernates
• Jenkins • VS Code

CLOUD PLATFORM
AWS • Azure • Digital Ocean

CERTIFICATION

Microsoft Certified: Azure
Fundamentals (AZ-900)

EXPERIENCE

INFOSYS LTD. | Systems Engineer
June 2021 – Present | Pune, MH

- Designed and provided solutions for networking circuits that connected different locations across the United States as a **Solutions Architect for Networking Systems** at Lumen.
- Designed customer circuits using advanced wavelength architectures for metro and long-haul Dense wavelength division multiplexing(DWDM) networks.
- Utilized in-depth knowledge of networking technologies and protocols to **analyze customer requirements and propose optimal solutions** that met their needs.
- **Collaborated** closely with sales teams, network engineers, and customers to ensure successful implementation of designed solutions.

PROJECTS

JAVASCRIPT NOTEBOOK | React, Express, Redux, Typescript   ○

- Created a **Command Line Interface (CLI)** named "jscolab" to launch an **interactive development enviornment** for writing and documenting code.
- Designed the tool to **compile and run in the browser** and save content to a file for convenience.
- Developed a **full-stack web application using React for the frontend and Express for the backend**. Used **ESBuild for transpiling and bundling** code by fetching required package from **Unpkg.com**. Published the "jscolab" package on NPM, making it accessible to users through the command "**npx jscolab serve**".
- Successfully created the CLI tool that launched an **interactive development environment** for writing and documenting **JavaScript and React code**.

ECOMMERCE WEBSITE & ADMIN PANEL | Next, Tailwind   ○

- Developed a modern **Ecommerce web app and admin panel using Next.js**.
- Utilized Next.js **server-side rendering** for enhanced performance and seamless user experience. Implemented **responsive design principles** for optimal usability across devices and screen sizes.
- Implemented **Next.js API routes for server-side logic, authentication, and data fetching**. Integrated **Stripe for secure online payments**. Enabled routing and navigation for product categories. Added **search and filtering** for efficient product discovery. Developed Admin panel with **management features for products, categories, featured products, and shipping fees**.
- Accomplished the development of a the Ecommerce web application and Admin Panel, **optimizing performance, delivering a flawless user experience, and establishing secure online transactions**.

EXPENSE TRACKER | React, Context API, Material-UI, Speechly   ○

- Growing need for efficient **income-expense management apps** due to complex finances and desire for user-friendly accessibility.
- Developed a application using **React framework** to track income and expenses with a user-friendly interface.
- Created **user-friendly interface** with categorization, date selection. Integrated **Speechly API for hands-free usage**. Used **React Chart Kit** to visualize income, expenses in a pie chart, representing user's financial data.
- Successfully developed a **responsive web application using React framework** to effectively track and manage income and expenses.