

# Saqlain Khan

☎ 9321553655 | ✉ [saqlainkhan25@gmail.com](mailto:saqlainkhan25@gmail.com) | 🌐 [saqlaink](#) | in [saqlainmkhan](#)

## EDUCATION

### Mumbai University

*Bachelor of Engineering in Mechanical Engineering*

Mumbai, MH

*Aug. 2016 – Dec 2020*

### Bharti Vidyapeeth High School

*HSC from CBSE board*

Mumbai, MH

*Jun 2014 – May 2016*

### Dav International School

*SSC from CBSE board*

Mumbai, MH

*Jun 2014*

## EXPERIENCE

### Systems Engineer

*Infosys Ltd.*

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.
- Created customer circuit designs utilizing the latest wavelength architectures for both metro and long haul 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, React, Redux, Typescript*



- Created a Command Line Interface (CLI) tool called "jscolab" that launches an interactive development environment for writing and documenting JavaScript and React code.
- Designed the tool to run and compile 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.
- Published the "jscolab" package on NPM, making it accessible to users through the command "npx jscolab serve".

### Expense Tracker | *React, Context API, Material-UI, Speechly*



- Developed a mobile application to track income and expenses using React framework.
- Implemented a user-friendly interface to input income and expenses, with options for categorization and date selection.
- Integrated Speechly API to enable hands-free usage of the application, allowing users to verbally add entries and generate summaries.
- Utilized React Chart Kit to represent income and expenses in a pie chart, providing a visual representation of the user's financial data.

### Path finding Visualizer | *HTML, CSS, Vanilla JavaScript*



- Developed a web application using JavaScript to visualize pathfinding algorithms in a maze to find the shortest distance.
- Implemented various search algorithms such as Breadth First Search, Depth First Search, Dijkstra's Algorithm, Greedy Best First Search, A\* Search Algorithm to help users understand the differences in their approaches and outcomes.
- Utilized CSS and HTML for the design and layout of the application, ensuring it is easy to use and understand.

## TECHNICAL SKILLS

**Languages:** JavaScript, Java, Python, Typescript, SQL

**Web Development and Frameworks:** React, Node.js, HTML/CSS, Express.js, Mongo DB, Redux, Material-UI

**Developer Tools:** Git, Docker, Ansible, Docker, Kubernetes, Jenkins, VS Code, PyCharm, IntelliJ

**Cloud Platform:** AWS, Azure, Digital Ocean