

# Talha Khalid

I'm passionate about continuous learning and growth in AI. My goal is to contribute to cutting-edge solutions that positively impact society. I'm committed to staying up-to-date and driving innovation in the field.

Miami, FL

+1 (786) 334-1177

[syedtalhakhalid@gmail.com](mailto:syedtalhakhalid@gmail.com)

[https://www.linkedin.com/in/](https://www.linkedin.com/in/syedtalhakhalid)

[syedtalhakhalid](https://www.linkedin.com/in/syedtalhakhalid)

## EXPERIENCE

### BrightHive, Remote — Frontend Developer

2022 (Freelance - Contract)

- Gained extensive experience in React and Agile release methodologies
- Skilled in Apollo Client for GraphQL, with expertise in caching and other features.
- Collaborated with back-end developers to integrate APIs and ensure efficient data flow, utilizing agile methodologies
- Optimized performance and scalability by implementing efficient coding practices, optimizing web assets, and reducing load times
- Skilled in maintaining constant communication with clients, as demonstrated through experience working remotely
- Proficient in implementing and comprehending React flow, with a proven track record of effectively resolving any arising bugs

### Devsinc, Lahore, PK — Software Engineer

2021 - 2023

- Contributed to the development of two 100% successful projects
- Utilized Ruby on Rails and ReactJs to build optimized apps
- Led full team in utilizing the latest PERN Techstack
- Created a customized ReactJS application from scratch for a client, which involved gathering and analyzing requirements, designing the architecture, setting up the development environment, and building the project.
- Developed strong leadership qualities, including effective team management and goal achievement
- Achieved 30% hosting cost reduction and improved scalability by transitioning the project to AWS Serverless Architecture
- Managed code bases and maintained version control using Git, resulting in a 50% reduction in Github commit conflicts during sprints
- Successfully resolved complex challenges by integrating multiple third-party APIs, utilizing an in-depth understanding of the underlying systems and quick learning
- Conducted regular code reviews and provided constructive feedback to team members to maintain code quality/consistency

## SKILLS

### Frontend Technologies

ReactJS (Redux, Material UI, ReactQuery, ReactTable), VueJS, Solidity, SvelteJS, NextJS

### Backend Technologies

Ruby on Rails, ExpressJS, Gin (GO Framework), Laravel, NodeJS

### Programming Languages

JavaScript, C/C++, Python, Java, Ruby, GO, PHP

### Testing Libraries

Selenium, Playwright, Cypress, React Testing Library, Rspech

## AWARDS, CERTIFICATIONS, and ACHIEVEMENTS

### MS Azure Cloud

Certification

### Runner up, Best FYP Award

UOL committee awarded us with an A grade and ranked our project as one of the best

### Multiple Awards, MLSA-UOL

During my time with the society, I earned multiple awards

## LANGUAGES

English, Hindi, Urdu, Punjabi

- Proficient in DevOps methodologies, including containerization using Docker for simplified development and deployment processes (AWS Serverless and EC2) and also servers and AWS logs, with experience in reading and analyzing logs for troubleshooting and maintenance purposes.

## MLSA-UOL, Lahore, PK — Technical Lead

2018 - 2021 (Part-time)

- Beta Microsoft Learning Student Ambassador and Tech Lead for the MLSA-UOL Society
- Organized and conducted workshops for other departments, developing leadership and communication skills
- Participated as a guest in MLSA-UOL sessions, contributing expertise and remaining connected to the community

## HealthHero, Remote — Software Engineer

2020 (Part-time)

- Demonstrated proficiency in various technical aspects of React, such as React Hooks, Redux, and Material UI
- Collaborated with a cross-functional team to deliver high-quality code and meet project deadlines

## Clickenya, Remote — Frontend Developer

2017 (Freelance - Contract)

- Utilized Material UI and GraphQL with Apollo Client to build a responsive and user-friendly website
- Developed collaboration skills using GitHub for version control
- Contributed to the success of the Clickenya team while expanding skills and knowledge as a developer

## EDUCATION

### Florida International University, Miami, FL — Master of Science in Computer Science (MSCS)

January 2023 - PRESENT

Currently pursuing a degree at Florida International University with a concentration in Machine Learning and Data Science

### University of Lahore, Lahore, PK — Bachelor of computer science (BCS)

September 2017 - September 2021

Graduated with distinction and achieved 3.0+ CGPA with A grades in Artificial Intelligence, Data Structures, and Other Core Courses

## PROJECTS

### CSI Activity Recognition — AL/ML

In my Telecom Tech and App project, I applied AL/ML techniques to develop a Human Activity Recognition system using Channel State Information for Wifi Applications. I leveraged Tensorflow 2.0+ to design a sophisticated model using Bidirectional LSTM and an Attention Layer, showcasing my proficiency in deep learning and data analysis.

### Captcha Solver — AL/ML

As part of my Intro to Machine Learning class, I developed a project to train a CNN model with customized parameters for resolving captchas. Through this project, I achieved perfect accuracy in captcha solving, demonstrating my proficiency in machine learning and deep learning techniques.

### Iris-based Noninvasive Glucose Monitoring System — FYP | AL/ML

Developed a Final Year Project (FYP) utilizing AL/ML techniques, such as dataset gathering and Support Vector Machine (SVM) algorithm, for creating a non-invasive glucose monitoring system based on iris recognition.

### Dinner Dash — Ruby on Rails

Built a Ruby on Rails web application inspired by popular food ordering apps like FoodPanda, DoorDash & UberEats.

View More Projects:

<https://github.com/syntist>