# ZOHAIB DILSHAD
## Computer Scientist

Computer scientist by trade, eccentric by nature and always eager to learn.

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🔗 https://ranazohaib1.github.io/portfolio/

📍 Lahore, Pakistan

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## IT skills

**Database(s):** MongoDB
**Language(s):** HTML, CSS, ReactJS, ExpressJS, Redux ToolKit, NodeJS, NestJS, TypeScript, Python, C++
**Software(s):** Visual Studio, Anaconda, Visual Studio Code, Postman, MongoDB Compass

## Computer skills

### Cloudflare
- Attach domain with AWS Amplify
- Secured website using SSL/TLS certificates

### SiteGround
- Deployed WordPress
- Add domain and subdomain

### cPanel
- Deployed ReactJS project
- Deployed NodeJS project
- Set up MySQL on cPanel

### Amazon Web Services ( AWS )
- AWS S3 bucket to store project data like images, files, etc.
- AWS EC2 instance for NodeJS backend on Nginx server
- AWS Amplify to deploy the ReactJS project

## Work experience

**Since March 2021**

**Freelancer**
**Self-Employed** Lahore

**Since February 2021**

**Software Developer**
**Kruzee** Toronto, Canada
As a Software Developer at Kruzee, a leading online driving school in Canada, I've played a key role in developing the product from scratch. My responsibilities span React.js frontend and Node.js backend work, including the creation of an efficient admin portal for centralized control. This hands-on experience has not only enhanced my technical skills but has also contributed to the success of Kruzee.

**From February 2022 to May 2023**

**Software Engineer**
**iTitans** Lahore, Punjab, Pakistan
As a Software Developer, I have had the opportunity to contribute to various projects, including Influencerhub and K-Hub. Throughout this professional journey, I've honed not only my technical skills but also expanded into project management and team coordination roles. Engaging with diverse tasks, I've continuously sought to enhance my proficiency, demonstrating versatility in handling different aspects of project development and team management. This multifaceted experience has allowed me to grow as a well-rounded professional in the field.

**From January 2019 to February 2022**

**Software Developer**
**Bytemage** Lahore
In my role as a Software Developer, I have cultivated expertise in utilizing technologies such as React.js, Redux Toolkit, Node.js, and MongoDB. My professional experience includes active involvement in various projects, notably Timetrail—a security-enhancing application designed for tracking security guards. Additionally, I have contributed to the development of Office Tour, a U.S.-based product facilitating virtual office tours without the need for physical presence. This online platform caters specifically to the real estate sector, enhancing operational efficiency and overall performance.

# Projects

**Since October 2022**

**Yellowish Admin Portal**
**Senior Software Developer** South Africa

- Frontend developed on ReactJS along with SaaS for styling and Redux Toolkit for state management
- Backend Developed on NodeJS with MySQL for storing data
- Deployed on AWS Amplify

**Since August 2022**

**Yellowish**
**Senior Software Developer** South Africa

Yellowish is a one-stop solution for all sorts of farming-related equipment and machinery, buying/selling marketplace which will impact how deals are done on small as well as large-scale related businesses.

- Developed frontend on ReactJS along with SaaS for styling and Redux Toolkit for state management
- Developed backend on NodeJS along with MongoDB for storing a data
- Deployed Frontend on AWS Amplify
- Deployed Backend on Ec2 instance using Nginx server

**Since July 2021**

**Kruzee Admin Portal**
**Senior Software Developer** Canada

A super admin portal that has full control of the Kruzee website as well as the Kruzee app. It's live and can be seen on admin.kruzee.com

- Frontend developed on ReactJs along with ReduxToolkit for state management
- Backend Developed on NodeJS with MongoDB
- Deployed on AWS Amplify

**Since July 2021**

**Kruzee Web**
**Senior Software Developer** Canada

A client-based product that is used for driving lessons. It's a project where students can purchase lessons and schedule their lessons while the instructors can see their lessons on the app.

- Developed backend on NodeJS along with MongoDB
- Developed a Student portal on ReactJS
- Build a new Architecture for both the backend and Student Portal
- Deployed React project on AWS Amplify
- Deployed Backend on AWS Nginx server

**From April 2021 to February 2022**

**Office Tour**
**MERN Developer**

A client-based product being developed for virtual tour building. It will be used for a USA-based company.

- Integrated new features on ReactJS along with Redux for state management and Typescript for type management
- Integrated new APIs using NestJS along with MongoDB
- Sent emails using AWS and use an S3 bucket for storing images
- Integrated Matterport which is used for touring offices in a 3d model

**From February 2020 to April 2021**

**Time trail**
**Software Developer**

A client-based project for scheduling guard shifts required by a British company.

- Built new features on ReactJS along with Redux toolkit for state management
- Built new features on NodeJS along with MongoDB
- Learn how to manage project
- Learn how to build an architecture

**From August 2020 to July 2021**

**Counterfeit Product Detection System**
**Software Developer**

Final Year Project which involves developing a fully functional counterfeit product detection system. The system identifies counterfeit products by scanning a QR code or manually sending a number through the app that would be written on a product.

## Education

From 2017 to
2021

**BS Computer Science**
**Information Technology University** Lahore
**Elective Courses :**
Blockchain
Game Development
Mobile Application Development
Computer Vision
Software Testing