

# Usman Ali Khan

## Software Engineer

Full stack developer and a Data Scientist with 3 years of experience. Possess a strong background in creating responsive, elegant and intuitive user interfaces for websites using front-end tools. At the same time, I have academic work in data modelling and data analysis.



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## WORK EXPERIENCE

### Software Engineer TotalKapital AS

06/2022 - 04/2023

Stavanger, Norway

#### Achievements/Tasks

- Full Stack Technical support in maintaining & developing the payment solution (**React – JavaScript – PHP – API – Bitbucket – SQL**)
- Working with SQL and CI/CD in order to make our project up and running for the customers 24/7.

### Developer and IT Leader ISI - University of Stavanger

12/2021 - 03/2023

Stavanger, Norway

#### Achievements/Tasks

- Making the website of ISI and designing the user-interface using **HTML, CSS, JavaScript** and **Wordpress**
- Designing company logo, sweatshirts using **Figma**.

### Networking & IT Support Engineer NETRONIX - GIK Institute

01/2016 - 05/2019

Pakistan

#### Achievements/Tasks

- Provided networking services and dealt with **internet troubleshooting, firewalls, DNS** and **Internet Protocol Suite (TCP/IP)**.
- Responsible for configuring **routers** and **network switches** being "Hostel Head for Internet Services".

### Onsite Quality Control Engineer Oil and Gas Development Company Limited

08/2019 - 07/2020

Pakistan

#### Achievements/Tasks

- Doing daily **Pipelines Quality Assurance Survey** by **Magnetic Particle Testing**.
- Documenting data**, observing **rate of corrosion** and sending weekly reports.

## EDUCATION

### a. Masters in Computational Engineering University of Stavanger

10/2020 - Present

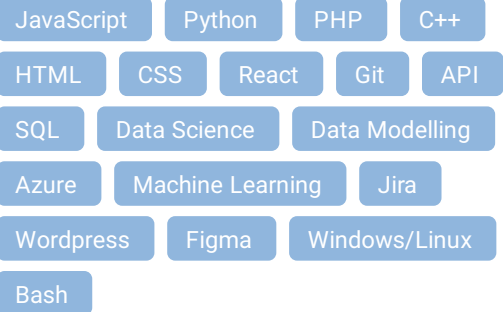
Norway

### b. Bachelors in Materials Engineering GIK Institute, Pakistan

08/2015 - 05/2019

Pakistan

## SKILLS



## PERSONAL PROJECTS

### "TKhelse" at TotalKapital

- We created the payment solution for **doctors** whenever a patient visited their clinic. I was responsible in creating online forms, and creating backend functionalities using **JavaScript, React** and **PHP**. <https://tkhelse.no/accounting>

### Designing the whole ISI official website

- Created **ISI Website** from scratch using **HTML, CSS & JavaScript**. <https://isi-uis.no/>

### Data-driven Mathematical Models

- Working on the collaborative project of NORCE and UiS that is focusing on developing a **data-driven mathematical models** for the optimal thermal management and energy consumption for the Norwegian buildings.

### Handling IKT-Dagen Website

- Designing & creating forms for IKT-dagen website on **Wordpress & JavaScript** respectively. <https://iktdagen.no/>

### My Portfolio

- Created my **Portfolio** from scratch by adding functionalities to it, using **HTML, CSS & JavaScript**. <https://usmanalik77.github.io/>

### Data Science and Machine learning project

- Credit Card Fraud Detection using **Machine learning tools** like Random Forest, Logistic Regression and ASTM. <https://github.com/usmanalik77/machine-learning>

### Random Walk Disease Model

- Modelling in Python** for increased rate of infection during Covid. <https://github.com/usmanalik77/mathematical-modelling>

## LANGUAGES

English

Native or Bilingual Proficiency

## INTERESTS

