

USMAN ALI KHAN

Software Engineer



CONTACT

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📍 Stavanger – 4042, Norway
🌐 <https://usmanalik77.github.io/>
(My Portfolio/Website)
🌐 <https://github.com/usmanalik77>
(GitHub Repository)

TECHNICAL SKILLS

- Computer Programming using
 - Python
 - C++
 - PHP
 - Java
- Front-end technologies
 - HTML, CSS, JavaScript & React
- Working with Cloud & Web hosting platforms (Azure, Green Geeks)
- Working with
 - Git, APIs, SQL
- Data Science and Machine Learning
- Scripting in Bash and PowerShell
- Network & Security
 - Routers, Switches & Firewalls

PERSONAL SKILLS

- Quick learner & Team Player
- Functions well under pressure
- Strategy & People management
- Creative thinking & Problem solver
- Solving Complex Problems

TECHNICAL SOFTWARE

- Development tools: Visual Studio Code, PyCharm, Git, GitHub, BitBucket
- Database management: MySQL
- Cloud, Web Hosting: Azure, GreekGeeks, Domene.no, One.com
- API: Postman, Swagger API
- Designing: WordPress, FIGMA
- Project management tools: Slack, Asana, Jira
- Microsoft: Excel, Power BI, Teams, PowerPoint and Word
- Machine learning: scikit-learn, Jupyter Notebook
- Network Configuration Management Tools: Ansible, ping, Microsoft DNS
- Operating systems: Windows, Linux

References

Will be provided if required.

PROFESSIONAL SUMMARY

Highly motivated and experienced software engineer with a passion for technology. Possess a strong background in programming and experience with infrastructure of software development. Throughout my academic and professional career, I have been in a continuous learning phase, with commitment to both technical and professional growth. Eager to grow my skills and expand my knowledge.

EXPERIENCE

- Software Engineer (Full time)** June 2022 - May 2023
TotalKapital AS, Norway
 - Full Stack Technical support in maintaining & developing the payment solution (**React – JavaScript – PHP – APIs – 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** Dec 2021 – Present
University of Stavanger
 - Handling and designing interface website of “ISI Student Union” and “IKT-Dagen” by coding on **HTML, CSS and JavaScript** and using **WordPress**.
- Networking & IT Support for Hostels** Jan 2016 - May 2019
GIK Institute of Engineering Sciences
 - Responsible for configuring **routers** and **network switches** as the “hostel head of internet services” in GIKI. Demonstrated expertise in **internet troubleshooting, firewalls, DNS and Internet Protocol Suite (TCP/IP)**.
- Onsite Quality Control Engineer** Jan 2020 - July 2020
Oil and Gas Development Company Limited, Pakistan
 - Doing daily **Pipelines Quality Assurance Survey** using Magnetic gadgets.
 - **Documenting data**, observing the trend and sending weekly reports.

EDUCATION

- Masters in computational engineering (Part time)** Aug 2020 - Present
University of Stavanger, Norway
Mathematical modelling, machine learning, data analysis and decision analysis.
- BACHELOR OF SCIENCE - MATERIALS ENGINEERING** Jul 2019
GIK Institute of Engineering Sciences and Technology, Pakistan
Manufacturing engineering, corrosion, coatings & nanotechnology.

ACADEMIC PROJECTS

- Project “TKhelse” at TotalKapital, where I was responsible in creating online forms, and creating backend functionalities using **Javascript, React** and **PHP**.
<https://tkhelse.no/accounting>
- Created my **Portfolio** from scratch by adding functionalities to it, using **HTML, CSS & Javascript**. <https://usmanalik77.github.io/>
- Created **ISI Website** from scratch using **HTML, CSS & JavaScript**.
<https://isi-uis.no/>
- 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.
- Credit Card Fraud Detection using **Machine learning tools** like Random Forest, Logistic Regression and ASTM.
- Modelling in Python** for increased rate of infection during Covid.
- Designing & creating forms for IKT-dagen website on **WordPress & JavaScript** respectively. <https://iktdagen.no/>