

USMAN ALI KHAN

Software Engineer



CONTACT

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Stavanger – 4042, Norway

TECHNICAL SKILLS

- Computer Programming using
 - Python
 - PHP
 - C++
 - Java
- User Interface development using
 - HTML, CSS, JavaScript & React js
- Working with Cloud & Web hosting platforms (**Azure, AWS, 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
- Focused & Hardworking Individual

TECHNICAL SOFTWARE

- Development tools: **Visual Studio Code, PyCharm, Git, GitHub, BitBucket**
- Database management: **MySQL, PowerBI**
- Cloud, Web Hosting: **Azure, AWS, 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**

PROFESSIONAL SUMMARY

Highly motivated and experienced software engineer with a passion for technology. Possess a background in programming and experience with infrastructure of software development. Worked in cloud technologies and web hosting services as well. Experienced in database management (SQL), Git, scripting and API. Also have done projects with machine learning, data science, and mathematical modelling tools. Have worked with network, routing, and security. 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 - Present
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.
- IT Leader in ISI (Part time)** 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**.
- IT Support for Internet Services (Part time)** 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

The Program combines the concepts of different advanced topics that involve mathematical modelling, machine learning, data analysis and decision analysis.

BACHELOR OF SCIENCE - MATERIALS ENGINEERING Jul 2019
GIK Institute of Engineering Sciences and Technology, Pakistan
The program provides technical insight in metals and nanotechnology.

ACADEMIC PROJECTS

- 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.
- **Mathematical Modelling** of increased rate of infection during Covid. (Python).

References

Will be provided if required