KUMAIL RAZA

GIS Software Engineer

📞 +37256018191   @ kumail0691@gmail.com   📍 Tartu, Estonia

EXPERIENCE

Software Engineer

Farmdar

📅 09/2022 - 09/2024   📍 Lahore, Pakistan

- Developed and maintained robust backend systems
- Integrated Geographic Information System (GIS) technologies to enhance mapping and spatial data analysis capabilities in applications
- Investigated spatial data analysis methods, including indexing, remote sensing, and machine learning techniques
- Deployed and managed web applications on Amazon Web Services (AWS), focusing on scalability, reliability, and security.
- Developed and maintained microservices, focusing on modular design and scalability
- Engaged in Agile development practices, contributing to sprint planning, daily stand-ups, and retrospectives
- Worked in a collaborative, cross-functional team environment, participating in code reviews and continuous development processes
- Spearheaded the architecture and design of key company applications, leading initiatives to innovate and optimize application frameworks and functionalities

Software Engineer

Pvt ltd

📅 03/2022 - 04/2022   📍 Islamabad, Pakistan

- Worked with project manager on designing web application UI and developed using React and Leaflet
- Developed RESTFUL API for app using Express.js
- Written SQL queries to calculate routes using Road Network Data for Postgresql db

Gis Engineer (Intern)

DHA Lahore

📅 07/2021 - 09/2021   📍 Lahore, Pakistan

- Learned how to acquire and clean land parcel dataAcqurie and Clean Parcel Data
- Developed web page to manage and query a large database of customers
- 3D data visualisation and modelling for buildings and cities

Freelance Programmer/Web Developer

Remote

📅 01/2020 - 2024   📍 Remote

- Reliably developed Web GIS Applications and Dashboards.
- Scripts for Web Scraping and Data Mining
- 100+ Projects completed on Fiverr
- Level 2 Seller on Fiverr

EDUCATION

MSC in GeoInformatics

University of Tartu

📅 2024 - Present   📍 Tartu, Estonia

Bachelors of Geoinformatics engineering

National University of Science and Technology

📍 Islamabad, Pakistan

GPA
3.53 / 4.0

SUMMARY

Adaptable Software Engineer, ready to support operations from conception through post-release support. Skilled creator of efficient code, exciting user experiences, and GIS-integrated solutions. Eager to elevate ongoing development projects or create novel software solutions geared towards driving increased usership.

LANGUAGES

English
Native   ●●●●●

SKILLS

Web Development	GIS	Backend

AWS	Frontend	React.js	Python

Golang	Node.js	Machine Learning

NoSQL	SQL Databases	RESTFUL

RESTFUL API	SQL	Data Analysis

GDAL	Scripting	PostGIS

Postman	Jira	Docker	Nginx

Linux	Redis	Vite	TypeScript

Google Cloud Services	Mapbox

ArcGIS Pro	QGIS

FIND ME ONLINE

in https://www.linkedin.com/in/mohnark

🐙 https://github.com/mohnark

🌐 https://kumail.space