# Muhammad Kumail

muhammadkumail.com          Contact: +923311140888          mkumailofficial@gmail.com

## EDUCATION

**National University of Sciences and Technology (SEECS)**          *Islamabad, Pakistan*
*Bachelor's in Computer Science*          *Expected June 2022*

**Hamza Army Public College & School**          *Rawalpindi, Pakistan*
*Intermediate in Pre-Engineering and Primary Education*          *March 2006 - May 2018*

## WORK EXPERIENCE

**Top-Rated Freelancer, Upwork** – Full-Stack Engineer          *Mar 2021 – Present*
- Helped clients from all continents to build bigger, better, and more scalable solutions on NextJs and MERN.
- Discovered, debugged, and purged major bugs and pivoted a new path for the clients' products helping them to attain massive customer segment.
- Built premium customizable dynamic sites using HeadlessCMS, Strapi and NextJs for European clients.
- Raised UI/UX scores to 80% through better site design. Improved site Lighthouse scores from 10% to 90%.
- Made customer centric CRM solutions to enable automated interaction, growing clients' sales to 200%.

**Quantaleap, Netherlands** – SML Intern          *June – Aug 2021*
- Created workflows triggers using React ecosystem. Applied cost-benefit analysis to obtain security and compliance tests helping the product to scale 20% faster and saving 1 month of development cycle.
- Performed an in-depth comparison using fit-gap analysis between functional and non-functional requirements of building workflows, the results further saved 4 months of development time for the startup.
- Implemented CI/CD using GitHub Actions on Azure.
- Applied DevOps cycle (trigger-build-production) pipelining and unit testing using ARM configuration.

**Shift Crowd, UK** – Project Manager          *Dec – March 2021*
- Developed and managed 2-enterprise level projects in MERN stack remotely in collaboration with a diverse team across Europe.
- Migrated sales failing WordPress sites of the client to React end-products using redux and rest APIs.
- Built the Scrum and automation guides for the development team to improve productivity.
- Implemented CI/CD using Gitlab configurations on Heroku servers enabling continuous delivery for the client.

**Afiniti, Lahore** – Software QA Intern          *Aug - Sep 2020*
- Identified, reported, and documented bugs, errors, interoperability flaws and other issues within proprietary software applications.
- Documented thorough approach to all the assignments while adhering to compressed timelines. Completed all the assignments ahead of schedule.
- Worked collaboratively with QAs, development, and business groups to complete comprehensive testing on major software release.
- Consistently recognized for excellent problem solving and analytical skills by stakeholders.

## ACTIVITIES

**Beta - Microsoft Learn Std. Ambassador**   *May 2020 - present*
Introduced Azure technologies to students by hosting relevant activities. Mentored more than 500 candidates for their skill advancements and upbringing in tech career. Ultimately, I was apprehended with the title of Microsoft Innovative Educator by Microsoft.

**AWS Campus Ambassador**          *Apr 2020 - Mar 2021*
Hosted webinars based on AWS and cloud-based technologies, co-founded biggest AWS Community of Pakistan, collaborated with cohorts to conduct AWS Community meetups nationwide.

**Millennium Fellowship 2019**          *Aug - Dec 2019*
Selected among the **15%** candidates from over **7K+** applications. Attended leadership sessions powered by UNAI. Promoted SDG# 4 through the project 'Street Schools.' Impacted **50+** families. Recruited social entrepreneurs of the next cohort for MCN.

**DSC Lead - NUST**          *June 2020 – July 2021*
2nd ever lead from NUST and Pakistan's DSC Chapter. Lead the club for knowledge, learning and community building. Trained 2500+ students using Google Developers program. Polished the Google ecosystem of learning in Pakistan

## PROJECTS

**Prepinn** – An online LMS built using NextJs, React, Node/ExpressJs and MongoDB - Application educates underprivileged people for higher studies from all corners of the nation.

**AWS Community Pakistan** - A web application developed on bootstrap and node.js. It involves making students aware of the events and workshops of AWS in parallel with building a solid community of AWS within the region.

**BaatCheet** – An Android-based messenger app aimed to connect people's emotions with others. Written in Java and Firebase.

**MailPredictor** – A MERN stack application capable of predicting certainty of an email to land on Inbox or Spam of Gmail, Outlook, AOL and Yahoo. The system used imap functionalities to read emails of a signed-up user.

**Voice-Controlled Car** - Made using Arduino board in C. The user gives voice commands to navigate the car using a mobile app.

## OTHER

**Technical Skills**: *AWS:* EC2, Lightsail, Lambda, AWS Amplify; *Azure:* App service, DevOps, Static Apps; *GCP:* VM, App Engine, Colab; HTML, CSS, Bootstrap, Material UI, CoreUI, JavaScript, ReactJs, Redux, NextJs, Strapi, Git, GitHub, Redis, GraphQL, MongoDB, NodeJS, MySql, NoSql, PHP, ScemantiUI, Python, C/C++
**Soft Skills:** Leadership, Time management, Effective Communication.
**Certifications & Training:** 13x Qwiklabs certified in advanced Machine learning, Data Science, BigQuery techniques; AWS training certified in DynamoDB, ECS, ML; Performance Assessment at UNICEF.
**Languages:** Fluent in English and Urdu.          **Awards:** Mathometer winner (2017) at IST (5000+ participants)