Muhammad Kumail

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EDUCATION

National University of Sciences and Technology (SEECS)   *Islamabad, Pakistan*
Bachelor's in Computer Sciences (6th Semester)   *Expected June 2022*

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

WORK EXPERIENCE

Quantaleap, Netherlands – SML Intern   *June – Aug 2021*
- Created workflow solution using React ecosystem. Solution engineered cost-benefit and proof of cost concepts to come up with appropriate solutions.
- Further used the applications of solutions architecture to apply requirements engineering.
- 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*
- Responsible for developing Enterprise level projects in MERN stack.
- Worked with diversified team from all across Europe remotely from home.
- Used applications of redux and hooks to build scalable solutions in React.
- Lead the team as Scrum and automation master, implemented CI/CD using Gitlab configuration on Heroku.
- Helped me build strong leadership roles in mounting big projects.

Afiniti, Lahore – Intern   *Aug - Sep 2020*
- Worked as a Software Quality Assurance Intern for an enterprise level software developed by Afiniti with a diverse group of 70+ students under flexible timings during the tenure.
- The work helped me build strong analytical approach, and the agile feedbacks and suggestions improved the product to a greater extent.
- Gained keen knowledge of working under big corporate and been able to blend into their working environment.

Vyro.ai, TIC, NUST – Intern   *Feb – Apr 2019*
- Graphic Designer Intern mainly aimed to create face models for a photo editing mobile app using AI.
- The face features were designed using photoshop and illustrator. Used scripting for automation of rendering.
- The automation reduced the office overhead and work by 60%. The application scaled to 1M+ downloads in one year.

ACTIVITIES

Beta - Microsoft Learn Stu Ambassador   *May 2020 - present*
Introduced Azure technologies to public by hosting events. Awarded with the title of Microsoft Innovative Educator. Mentored more than 500 candidates personally for their skill advancements and upbringing in tech career.

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 Pakistani 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

SEEKH - A web application developed on HTML/CSS and node/express.js with MySQL as the database - An entry test application that serves the purpose of educating underprivileged people for higher studies.

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. The app is to be made serverless using AWS Lambda and API gateway, which nullifies the use of the server for each client.

BaatCheet - A messenger android app aimed to connect people's emotions with others. Written in Java and Firebase.

Yelpcamp - A web app made using node.js and HTML/CSS. Serving the purpose to connect camping, loving people with their experiences.

Voice-Controlled Car - Made using an Arduino board that can be controlled using voice commands from a mobile app.

OTHER

Technical Skills: AWS: EC2, Lightsail, Lambda; Azure: App service, DevOps, Static Apps, GCP: VM, App Engine, Colab; HTML, CSS, Bootstrap, Material UI, CoreUI, JavaScript, ReactJs, Redux, NextJs, Git, GitHub, 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)