

Saif Ul Islam

+923112809331 | saifulislam84210@gmail.com | linkedin.com/in/saif-ul-islam/ | github.com/rubix982 |
Dev Hearted - Personal Blog

PERSONAL STATEMENT

A junior enrolled in BSCS at FAST NUCES. Interested in Open Source, Data Engineering, Data Science, DevOps, Cloud, and Web Development. Looking to grow professional career with help, challenging my comfort zone, building team work skills, cooperation with talented team members, with a focus on doing valuable work.

EDUCATION

| | |
|---|--|
| National University Of Computing And Emerging Sciences <i>Bachelors In Computer Science - Current CGPA 3.63</i> | Karachi, Pakistan <i>Aug. 2018 – May. 2022 (expected)</i> |
| DJ Sindh Government Science College <i>Pre-engineering - F.Sc 83%</i> | Karachi, Pakistan <i>Sep. 2016 – July. 2018</i> |

TECHNICAL SKILLS

Languages: Bash, Python, C/C++, C#, SQL (MySQL — Oracle), TypeScript, JavaScript, HTML/CSS
Frameworks: ExpressJS, Django, ASP.NET Core 5.0, FastAPI
Developer Tools: Linux, Git, VS Code, Figma, Jupyter
DevOps: Docker, Heroku, Google Cloud Platform, Azure
Libraries: CUDA, Pandas, NumPy, Matplotlib, Keras, OpenCV
Frontend: ReactJS, GatsbyJS, NextJS, Redux, Material UI, Bootstrap
Databases: MySQL, Oracle, Redis, Neo4j, MongoDB
Misc: Ghost CMS, Markdown, ESLint

ACHIEVEMENTS

Dean's List: Dean's List for Fall 2018, Spring 2019, Fall 2020
GitHub: Currently in the top 20 of the most active GitHub contributors in Pakistan, with *1.8K* total commits, *130* stars, *129* PRs, *162* issues, and *28* organizational contributions
ICPC Topi Regional, 2019: One of 3 teams from FAST NUCES. Landed 7th position out of 40+ teams from all over Pakistan

PROJECTS

| | |
|---|-------------------------|
| Software Development Pakistan <i>Jekyll, Ruby, Markdown, GitHub Pages</i> | July 2020 - August 2020 |
| <ul style="list-style-type: none">Developed a community platform for the Software Development Pakistan to help beginners navigate through Computer Science / Software EngineeringUtilized GitHub Pages to the web deploy application, and integrated with Google AnalyticApplied Content Writing skills to articles, and structured the content layoutResponsible for maintaining and creating pull requests on the repository, suggested changes where appropriateCommunicated and marketed the idea once it was released. Asked for feedback from friends | |
| Terrabuzz <i>ExpressJS, ReactJS, MySQL, MongoDB, Docker</i> | Oct 2020 - Dec 2020 |
| <ul style="list-style-type: none">Developed an MVP full stack social media application, to implement an idea of a community based on similar interestsPerformed requirement analysis with team members by using tools such as Figma, LucidChart, Notion for project management, prototyping, and documenting ideasIntegrated Docker/Docker Compose for project orchestration, and added Redis, Neo4j, MySQL, MongoDB to the current stack of technologiesUtilized Github Actions with linting for integrating Git Guardian, CodeQL, Azure VM, Vercel, ESLintNegotiated and wrote the SRS/SDS documentation, which turned into a 47 page reportCoordinated to write the front end in ReactJS and the back-end in ExpressJSReviewed, and maintained, a workflow with <i>Issues</i> and <i>Pull Requests</i>, making it easy to see code changes, which led to rapid development | |

- A solution for civic solutions by connecting hospitals together with a WhatsApp interface letting users quickly call ambulances, and travel to the nearest relevant hospitals
- Wrote the details, communicated and developed projects with a team in a short period of time
- Successfully modeled the Twilio JS API, and engineered multimedia and textual information transfer between the Flutter application and the WhatsApp obtained information during the session
- Considered user accessibility issues, and provided the user option to follow the instructions in either English or Urdu, as well presenting the user an option to listen to voice notes instead
- Developed and delivered the complete project successfully under the time constraints

- Extracting whether a certain product tile is clear and concise by parsing an SKU's title, description, and categories regionally

CERTIFICATIONS

Deep Learning Specialization: By deeplearning.ai, covered the basics of DL in NLP, Computer Vision, and the basic neural network structure. It can be seen publicly [here](#)

Deep Learning AI Tensorflow Developer: By deeplearning.ai, practical experience with Tensorflow, building simple assignments for deep learning. It can be viewed [here](#)

Qwiklabs: 20 GCP quests completion on Qwiklabs, profile is [here](#)

Coursera: Minor certifications for "Continuous Delivery And DevOps", "The UNIX Workbench", "Google Cloud Platform Big Data and Machine Learning Fundamentals", "Machine Learning".

VOLUNTEER WORK

.NET Foundation

Accepted as a member into the .NET foundation.

Member, Contributor

Feb. 2021 – Present

Association for Computing Machinery

Temporary member during the Fall of 2020

Outreach Worker

Oct. 2020 – Dec. 2020

Software Development Pakistan

Helped in creation of [SoftDevPK](#)

Contributor

July. 2020 – Present

Developer Student Club NUCES

Deputy of the web team for DSC @ FAST NUCES. Arranged sessions, organized workshops

Deputy Web Developer

Nov. 2019 – May. 2020

Association for Computing Machinery

Content team member at Team ACM, DevDay, at FAST NUCES

Content Writer

Nov. 2018 – May. 2019

SOFT SKILLS

Organizational Skills : Extremely focused on clarifying as much requirements as possible and breaking all work done into modules. Examples are [Terrabuzz](#), [Synet](#), [ASP.NET ReactJS Template](#)

Interpersonal Skills: Focused on networking, trying to understand various perspectives on differing important topics

Leadership / Management Skills: Generally leading in projects, group assignments

Proactive: Analysing trade-offs in Software Engineering to build sustainable, maintainable software, rather than just rushing new products

Adaptability: Quick and adaptable to changing technology and work environments