

Samra Hanif

Senior Software Engineer

Results driven Software Engineer with over 3 years of experience in Web and Hybrid Mobile Application Development. Skilled in developing requirement specification, user documentation and web applications. Highly adaptable in quickly changing technical environments.

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Experience

Careem

Senior Software Engineer I | Feb 23 - Present

- Lead various frontend engineers within team and participated in functional onboarding processes and code review process.
- Review and refactor existing code to improve performance, readability, and maintainability.
- Maintain and enhance web applications using React Js
- Create and maintain APIs for web applications using Python & MySQL, ensuring they are well-documented on Swagger and easy to use.
- Configured Github actions to fetch, build and publish docker artefacts to AWS
- Construct development plans, user guides, processes, and technical designs to facilitate knowledge sharing and future maintenance.
- Assist in identification and troubleshooting software issues reported by users or testing teams.
- Created work breakdown structures and development timelines for new initiatives.
- Maintaining forked open source project, and keeping it in sync with origin.
- Measuring impact of features through surveys and feedback

Software Engineer II | May 22 - Feb 23

- Creating wireframes for the modules using Balsmiq & WireframePro.
- Write clean, efficient, and maintainable code for web applications based on provided specifications using React Js and Python.
- Collaborate with cross-functional teams to gather requirements and create technical specifications.
- Providing technical and production support to clients and on-site teams.
- Testing and bug fixation for ensuring quality product and handling bug life cycle using JIRA.

Systems Limited

Senior Software Engineer | Jan 19 - Apr 22

- Lead various frontend engineers within team and participated in code review process.
- Developed web applications using Angular and React framework, implemented the concept of Lazy Loading, CDK Virtualisation and AgGrid for optimisation.
- Developed cross platform hybrid mobile application using Ionic.
- Wrote unit tests for frontend components using React Testing Library and Jest.
- Integration of the RESTful API for developing end to end system.
- Deploying releases to the server and keeping a track of it.
- Testing and bug fixation for ensuring quality product and handling bug life cycle using JIRA.
- Responsible for POC and R&D for maintaining feature/module incorporation and providing recommendation on features to enhance user experience for the system.

Projects

React

Superset, E-Education, Hall from Home

Angular

Coursera, Eservices, RGMS, Meezan bank (LOS)

Education

MS (SPM) | CGPA 4 2020-2022
FAST-NUCES

BS CS | CGPA 3.6 2014-2018
FAST-NUCES

Tech Used

Angular (2-8), React, React-Native, Ionic, REST-Apis
Typescript, Javascript, Python, NodeJs, Dart, Flutter
HTML, CSS, R, Material Design
Bootstrap
Git, Jira, TFS, Kubernetes, AWS, Docker

Skills

- Web App Development (Angular/React)
- Hybrid Mobile Application Development (React-Native, Ionic, Flutter)

Accomplishments

Apache Superset

Contributed to the open-source community by [enabling wrap text](#) for each column in all tables, enhancing readability and usability, particularly in scenarios where long text or data is displayed

Hall From Home

A react-native based mobile application to book event halls for wedding and other events using React native, C# and Sql Server

Blog

A [blog](#) on how to implement internal email feature using ngx-chips and angular editor for MIS projects, streamlining communication and task management for security measures

Side Interests

Book reading, Cooking, Sketching, Painting