Zarish Iqbal

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Experience

Arab National Bank / Software Developer (Full-Time)

November 2022 - Present Riyadh, Saudi Arabia

I am working as a Frontend Developer at Arab National Bank. Working with OutSystems, for developing features for the new mobile banking app.

Tech Stack:

- Outsystems
- CSS
- JavaScript
- Jira
- Cordova Plugins
- React

Responsibilities:

- Building UI screens using Outsystems Studio.
- Collaborate with the development team: Work closely with senior developers and team members to understand project requirements and contribute to the overall software development life cycle.
- Development and customization: Assist in building mobile applications using the OutSystems platform, adhering to best practices and coding standards.
- API integration using OutSystems modular design.
- Developed Cordova plugins and integrated them with the OutSystems modules
- Multilingual Support

Crowdbotics / Senior React Native Developer

Oct 2022 - Present USA (Remote - Part-time)

➔ **SynUp Health (Under development) -** SyncUp Health is an application for tracking the menstrual cycle and showing predictions about the cycle and phases.

  The app enables tracking of important factors that influence the cycle and reminds about important factors that influence and support the cycle.

Tech Stack:

- React Native
- Mobx State Tree (state - management)
- JavaScript and Typescript
- Figma

Responsibilities:

- Developed front-end user interface using React Native and JavaScript for iOS and Android mobile applications.
- Successfully implemented features such as an expandable calendar view, push notifications, and a social media login.
- Collaborated with other developers to implement new features in a way that is consistent with existing codebase conventions.
- Provided technical leadership by mentoring junior engineers on best practices related to software development and engineering processes.
- Participated in design discussions regarding application architecture, feature implementation, or any other relevant topic as required.
- Assisting in developing test plans for new functionality prior to release and assisted the QA team during testing of releases when needed.
- Deployment on Play store and App store.

Shodriver / React Developer

July 2022 - Jan 2023 Ukraine (Remote - Part-time)

Shodriver is a car service management application to help its users keep a record of the services, mileage, and cost of the cars.

Tech Stack:

- ReactJS
- Material UI
- JavaScript and Typescript
- Trello + InVision
- Firebase (Authentication and Analytic)

Responsibilities:

- Architect and build React components to create more intuitive and reactive UI screens.
- API integration using react-query.
- Multilingual Support

Innovation Labs / Software Developer

April 2022 - November 2022 Dammam, Saudi Arabia

I was working as a Full-stack Software Developer at Innovation Labs. Mainly focusing on API integration, system upgradation, and maintenance of UVA World operations dashboard. Along with creating APIs at the backend for e-hailing operations.

Tech Stack:

- NodeJS
- SQL
- JavaScript and Typescript
- AngularJS, Angular
- Svelte, Vue.js
- TailwindCSS, Bootstrap
- Git with Gitlab

- Jira
- Grunt
- Bower

Responsibilities:

- Building new features for the admin dashboard
- Architecting frontend features (widgets)
- Fixing bugs and improving user experience
- Managing software documentation
- Providing optimized solutions and implementation

Centre for Economic Research in Pakistan / Software Developer

July 2021 - April 2022 Lahore, Pakistan

I worked as a Full-stack Software Developer at [CERP Labs](), a revenue-generating software development unit within a research institution.

Mainly focusing on design and user experience to build new and improve existing features in existing apps. Major Projects:

➔ **MISchool** - Development and enhancement of new features within the School Management software application while managing bug fixes and refactoring. [MISchool]() targeting low-cost private schools in Pakistan. Currently, MISchool has reached over **2000+** schools and **2,00,000+** students across different provinces of Pakistan. Also helped with roll-out to 1200-2000 government primary schools in Pakistan with provincial government partnership in KPK to run a study using the TIP tool which is built inside of MISchool.

➔ **IlmExchange** - Development, and enhancement of new features within [IlmExchange](), an education platform comprising several components addressing systemic constraints to education outcomes as identified by [LEAPS]() research. It contains a marketplace connecting low-cost private schools and education service providers, an emergency student learning portal during COVID-19 school closures, a teacher training course that has been carefully tailored to facilitate teachers with knowledge and strategies in the classroom during and after COVID-19.

➔ **Science Bowl Platform -** Architecting and building the front-end of [ScienceBowl](), a real-time multiplayer quiz game website designed to provide students with experiences that help them to prepare for the science bowl competition. In the current beta version, the tool supports competitive play between two teams by enabling a gameful environment that provides a question bank and a reliable buzzer system, manages scoring, and keeps track of game time. This system removes significant barriers to entry for the science bowl by removing the need for expensive equipment and personnel including the score and timekeepers.

Tech Stack:

- Elixir
- Postgresql
- JavaScript and Typescript
- ReactJS/NextJS

- TailwindCSS, Material UI
- Docker, Kubernetes, Google Cloud, CI/CD
- Git with Github
- Asana + Jira

Responsibilities:

- Building new and improving existing features
- Architecting frontend application
- Fixing bugs and improving user experience
- Managing software documentation on Notion

Upwork / Freelance Software Engineer

April 2020 - present

Working remotely on Upwork Platform with a number of clients to help them in deploying and managing their software applications on cloud platforms including Google Cloud Platform, Heroku and so on to create sustainable business operations.

Novoapka / Software Developer

Czech Republic

Novoapka is an application for Novo Plaza where users collect loyalty points for every purchase in Novo Plaza stores and exchange them for collected rewards.

Responsibilities:

- Architect and build React Native components to create more intuitive and reactive UI screens.
- Designed and built frontend mobile application (android/IOS) using React Native.
- Deployment on Play store and App store.

GiftingYou / Software Developer

Portugal

Gifting you is a social platform for users to request and receive gifts. The website was built using ReactJS with Typescript and TailwindCSS. Whereas, the mobile application was developed using React Native with Firebase.

Responsibilities:

- Managing a team and product development
- Optimizing data processing on the backend and frontend.
- Automating and setting up workflows.
- Architect and build React Native, and React components to create more intuitive and reactive UI screens.
- Designed and built frontend mobile application (android/IOS) using React Native.
- Architected and built web applications using ReactJS with Redux, Typescript, and TailwindCSS
- Deployment of web application on Heroku

Skills

I'm working with the following tools and platforms:

→ **React Native** for mobile application development

→ **Elixir** and **NodeJS** on the backend and **JavaScript**, **TypeScript**, **ReactJS**, **Angular** on the frontend
→ **Relational Databases**: PostgreSQL, SQL Server, and MySQL
→ **Cloud Platforms**: Google Cloud Platform (GCP Kubernetes, Cloud Storage, Cloud SQL) and Heroku
→ **Code versioning:** git, Github, and Gitlab
→ **Learning:** Advance Elixir, NextJS, Angular

Education

COMSATS University Islamabad / BS in Software Engineering

May 2021, Lahore, Pakistan

Focus on Algorithms and Fullstack application development

The City School / Cambridge International AS and A Level

Aug 2015, Lahore, Pakistan

Focus on Applied Information and Communication Technology (AICT), Physics, Math

Middle East International School / Cambridge International O Level

Aug 2013, Lahore, Pakistan

Focus on Computer Studies