
Zohaib Ijaz

Principal Software Engineer

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SUMMARY

I am a Software Engineer with over 10 years of experience as a full-stack developer (frontend heavy) with expertise in React/NextJs, JavaScript, Node, and Python (Flask, Django).

Additionally, I hold an AWS Certified Developer Associate certification and have a strong background in Amazon Web Services as a developer.

SKILLS/Tech

- Frontend (Javascript, **React**, **NextJs**, Svelte, Vue, Redux, Ant Design, Tailwindcss)
- Testing (Jest, Vitest, Cypress, pytest)
- Backend (Node, Serverless, Express, NestJs, Python, Flask, SQLAlchemy, Restful APIs, Django, GraphQL APIs)
- AWS Services (Cognito, SNS, SQS, S3, EC2, Lambda, API Gateway, Cloudfront etc.)
- Git

EXPERIENCE

Principal Software Engineer - *Enquizit Inc, Lahore*

JUN 2020 - PRESENT

I am working at Enquizit as a Frontend Engineer and Team Lead. My responsibilities include team management, development and maintaining code quality through code reviews and establishing strong coding standards.

Projects:

Great Child Care

JUN 2020 - PRESENT

<https://uat.greatchildcare.org/>

This project is about creating a platform for Families to find best child care for their children and managing fee assistance for Military families.

I am working as a Frontend Lead in this project. I communicate with client to understand the requirements and translate them into Technical requirements. I take decisions related to design and technologies related to frontend.

It's based on following technologies:

React, JavaScript, Redux, HTML/CSS, Ant Design, Tailwindcss, Redux, Redux-Saga, AWS Services.

Principal Software Engineer - Northbay Solutions, Lahore

NOV 2017 - JUN 2020

In Northbay Solutions, I am working as a Team Lead and Sr. Frontend Developer. I had some React experience before joining here but since this joining, I've been working on React projects along with other libraries in React ecosystem like Redux, redux-saga, Ant Design (A React component library), react-router, sass, less, PubNub and many others.

Projects:

Doris

JUL 2019 - JUN 2020

Doris is a frontend application/tool to manage and schedule data processing using Data Lake.

In this project, I took on the role of Frontend Team Lead and developer. My main tasks involved communicating with the client, understanding their needs, assigning tasks within the team, and making tech-related decisions. A key focus was ensuring full accessibility (using aria-*) for multiple platforms like Windows and Mac.

This project is based on following technologies:

React, HTML/CSS, Javascript, Ant Design, Less, Redux, Redux-Saga, Jest, React Hooks,

Bitmovio

DEC 2018 - JUL 2019

In this project, I contributed to a video-sharing social media platform designed for content creators to upload videos or conduct live streams, while other users can access both free and premium content.

My primary responsibility revolved around supporting the frontend team. I specifically focused on resolving frontend challenges associated with loading time and unresponsive UIs. By thoroughly debugging these issues, I successfully optimized the application's performance, reducing the loading time significantly from an initial 15 seconds down to a remarkable 2-3 seconds.

This project is based on following technologies:

React, HTML/CSS, Javascript, Ant Design, Less, Redux, Redux-Saga, Jest, React Hooks.

Measure

DEC 2017 - DEC 2018

<https://gc.measuregroundcontrol.com>

The project's objective is to furnish energy companies with tools for scheduling drone-based inspections, overseeing operations, gathering inspection data, and conducting analyses to pinpoint system issues.

In my capacity as a frontend developer, this was my first React project, providing a substantial learning curve. As a frontend developer, it was my first time using React. I learned a lot and made sure the code was good. With my experience, I helped keep the code quality high and we finished MVP on time.

This project is based on following technologies:

React, Javascript, HTML/CSS, Redux, Redux-Saga, Ant Design, Less, Aws Amplify, Aws Cognito.

Sr. Software Engineer - QC Technologies

NOV 2014 - NOV 2017

I worked here as a full-stack developer and team lead. I worked with Python, Javascript, Flask microservices, AWS Lambda (serverless programming), AWS EC2, SES, SNS, SQS, API Gateway and more. I have experience working with traditional Restful services as well as modern GraphQL based apis.

Projects:

getTalent

DEC 2014 - NOV 2017

This project focuses on aggregating data from diverse social media and internet sources to compile user information for inclusion in a talent pool.

Primarily, my role involves crafting Flask-based Restful APIs. Additionally, I extend support to the frontend team when necessary and contribute to feature enhancements using AngularJS (1.x).

It's based on following technologies:

React, JavaScript, Redux, HTML/CSS, Ant Design, Tailwindcss, Redux, Redux-Saga, AWS Services, Python, Flask, Celery

Software Developer - CVAR

JUL 2013 - DEC 2014

I worked here as fullstack developer.

Projects:

Dengue Spread Visualization

This project was to visualize real-time Dengue patients data from different hospitals to predict future outbreaks so we can take measures to stop the spread.

As a full-stack developer, I built the backend using Spring/Java to collect and store data. This data was then provided to the frontend through APIs.

It's based on following technologies:

Java/Spring Framework, Javascript, Bootstrap, jQuery, HighCharts, D3

SIDE PROJECTS

CodeSync

<https://www.codesync.com/>

CodeSync helps to analyze code like it was written in realtime. We can playback different coding sessions, review code and track code changes in real time.

I worked in this project as Frontend Developer and built critical features like code replay/playback, file tree, code highlighting and setup Auth0 based authentication and integrated with NextJs app.

Frontend is based on NextJs and deployed on Digital Ocean. Backend is django (DRF) based Restful api.

Tech Stack:

NextJs, JavaScript, Node, HTML/CSS, Ant Design, Redux, Django (DRF)

Parrunner

<https://www.parrunner.com/en/>

This project is about helping people, industry and any one to move their things from one place to another in a quick, reliable and trackable way.

I was the only developer/DevOps person who worked on this project as a fullstack developer. It was my responsibility to communicate with client, understand the requirements and then translate them to Frontend, Backend and any infrastructure related tasks.

Frontend is based on React (Ant Design, CRA, Less) and deployed on S3 as static SPA, exposed to users through Cloudfront. Backend is serverless project based on Nodejs, mongodb (mongoos ORM) and apis are exposed using AWS Api Gateway and authorized using Cognito user pool. All apis are graphql based instead of Restful.

Tech Stack:

React, JavaScript, Node (Express, GraphQL), HTML/CSS, Ant Design, Redux, Serverless

Washmix

<https://www.washmix.com/>

Washmix is a laundry app. Users can login and buy subscriptions to get their clothes washed based on the schedule they choose.

I worked as a Frontend developer to create the project website/application using React.

This project is based on following Technologies:

React, Javascript, Python, Django, HTML/CSS, Redux

OPEN SOURCE

I actively contribute to open source projects or create open source packages that help the community to solve their problems. You can look at my Github and Stackoverflow profiles.

Github: <https://github.com/mzohaibqc>

Stackoverflow: <https://stackoverflow.com/users/5567387/zohaib-ijaz>

Here are some stats  for npm downloads for my packages published on NPM.

<https://npmcharts.com/compare/antd-theme-generator.create-react-app-sass.antd-theme-webpack-plugin.antd-amplify-react.react-app-rewire-antd-theme.runtime-theme-webpack-plugin.css-runtime-theme?minimal=true&interval=30>

CERTIFICATIONS



I have 4+ years of experience in AWS technologies like AWS Lambda, Api Gateway, SNS, SQS, Cognito, S3 etc. and I completed AWS Certified Developer Associate certification in Jan 2018.
<https://www.certmetrics.com/amazon/public/badge.aspx?i=2&t=c&d=2018-01-30&ci=AWS00369826>

EDUCATION

Electrical Engineering - *UET, Lahore*

SEP 2009 - JUL 2013

I have a Bachelor's degree in Electrical Engineering with a focus on Computer Science.

COURSES

- Algorithms
- Artificial Intelligence
- C language
- Data Structure
- Database Management
- OOP C++
- Operating Systems

PUBLICATIONS

[Basics of MetaProgramming](#)

This article is about the basics of MetaProgramming in Python.

[Python - Iterators and Generators](#)

This article is about Python's powerful feature iterators and generators, how they help to improve performance and reduce code.

[Ant Design Amplify Components](#)

Amplify is an awesome library/package to handle Authentication (Using Cognito), Storage management, Analytics and Protected Api management. Antd-amplify-react provides React reusable components for Amplify specific Authentication which can be styled easily.

[Ant Design Dynamic Theming](#)

This article is about how to achieve Dynamic theming for Static websites created with React and Ant Design.

[Using Sass/Scss with React App](#)

Create-react-app (v1) does not have the capability to add sass/scss with ejecting the application. This article addresses that problem and provides a clean solution.

References

I can provide references on demand.