Ali Ahmed

SOFTWARE DEVELOPER

Email: ali.ahmed@hey.com
Phone: +1 825 993 6766
Address: Edmonton, AB
LinkedIn: in/AliNisarAhmed

Github: /AliNisarAhmed
Portfolio: aliahmed.netlify.com

Profile Summary

- ◆ Almost 2 years of professional experience building Web & Mobile applications
- ◆ I am passionate about programming, a quick & avid learner, self-motivated, diligent, and I excel working both in teams and alone.

Skills

Languages:	JavaScript ES6+, TypeScript, C#, Haskell, HTML & CSS
Front-end:	React, React Native, Vue, Elm
Back-end:	.Net Core, Service Stack, Node JS (Express)
Database:	MS SQL Server, MongoDB
Testing:	Jest, React Testing Library, Cypress
Cloud:	MS Azure
Misc:	Flexbox & CSS Grid, Sass, Ant Design, material-ui, elm-ui

Certifications

- Microsoft Certified Azure Developer Associate (December 2020)

Experience

FULL STACK DEVELOPER | Punchcard Systems | *July 2019 - Present*

Major Projects:

Birdie Break Mobile App & REST API Server

Enabling easy connection between parents & babysitters and providing the owners greater control over their babysitter service operating in Alberta.

Tech Stack: TS, React Native, C#, .Net Core, SQL Server, MS Azure, Stripe API, Twilio SMS.
Achievements:
- ✔ Participated in full product life-cycle, from requirements gathering, design, UX, server-side and front-end application architecture, wrote 70% of the code and reviewed the rest.
- ✔ Successfully launched the app on Apple & Android stores well within the project timelines with an extremely happy client.
- ✔ Few bugs – used post-production hours to add features such as payments & SMS notifications.

Driving Force Mobile App and Admin Portal

An app for field agents to carry out vehicle inspections online and offline, take photos and videos, upload and view the media items on the web portal.

Tech Stack: React Native, React, Redux, .Net Core, SQL Server, MS Azure, Jest, React Testing Library
Achievements:
- ✔ Introduced UI testing to team-mates using React Testing Library & Cypress JS.
- ✔ Implemented background upload feature by diving into native code and using Swift libraries.
- ✔ Used Azure Message Queues to handle the load on the Media Processing Azure function.

AlignTime – Teams and Slack Bot

Internal company project to create MS Teams and Slack bots which analyze Harvest time entries to send out useful reminders and reports to employees and managers.

Tech Stack: TS, React, C#, SQL Server, MS Bot Framework, Harvest API.
Achievements:
- ✔ I implemented the initial version of the MS Teams Bot using MS Bot Framework and Azure Functions that periodically fetched data from Harvest API and sent out reminders, ascending the project from a Hackday idea to a product.
- ✔ Converted the app to allow multi-tenancy using the database-per-tenant pattern.
- ✔ Combined Azure Message Queues and Azure Functions to allow clients to specify their report and reminder schedules.

Ecofitt Web Portal

An admin portal for Ecofitt managers and staff to administer the schedule and distribution of equipment, materials, and technicians for various energy-saving programs across Canada, and a public page for the customers to self-schedule.

Tech Stack: TS, React, C#, Service Stack, SQL Server, Pronto Forms.
Achievements:
- ✔ First project where the organization used Agile methodology, I suggested many improvements to the process such as client access to the board.
- ✔ Introduced React Hooks to teammates and created many reusable custom hooks.

I strive to improve continuously and thus, in my spare time, work on my side projects, take courses and read books to improve my skills. My side projects can be viewed on my [portfolio](#) *and* [github](#).

I am self-taught, and previously worked as Utilities Manager for Pakistan's largest Electric power company, K-Electric, based in the city of Karachi, before moving to Canada in March 2019 as a Permanent Resident.

My previous work experience can be viewed on my [LinkedIn profile](#).

Education

2009   BE, Electrical Engineering   **|**   NED University of Engineering & Technology, Karachi, Pakistan
CS courses: Microprocessors & Assembly Language, Computer Architecture & Organization, Logic Design & Switching Theory, Programming with C Language, Fundamentals of Computer Engineering.

Other Activities & Interests

- ✔ I love going to meetups. I gave a presentation on TypeScript ([link](#)) in Dev Edmonton Society's ExchangeJS meetup.
- ✔ Contributed to open source repositories during Hacktoberfest 2018, 2019 & 2020.
- ✔ Participated in the Advent of Code 2020 challenge.
- ✔ My interests include Functional Programming, Mathematics, Science, Bridge & video games.