

Haroon Feisal

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Education

University of North Carolina at Chapel Hill - (*Highest Distinction*)
Computer Science B.S. & Statistics and Analytics B.S.

Chapel Hill, NC
2018 - 2021

Related Coursework

File Systems & Databases, Internet Services & Protocols, Data Structures & Algorithms, Methods of Data Analysis, Intro to Data Science, Optimization & Linear Programming

Skills

Languages C# · Java · Python · JavaScript · C/C++

FrameworksNET · Express · React · Node · Knack

Platforms Azure · AWS · Git · SQL · MongoDB

Work Experience

Backend Software Engineer – Microsoft Azure

Nov '22 – Present

- Architected and deployed automated infrastructure across over forty regions for Azure App Service Managed Certificates that reduces sync time from hours to minutes.
- Developed four-phase plan for Azure App Service Domains global regionalization including fallback, concurrency solutions, data replication, and traffic management.
- Led redesign and rollout of database, background job, and data layer changes required for Azure App Service Domains multi-region scaling.
- Spearheaded efforts for domain fraud detection through alerting and implementation of new pre-purchase validation.
- Oversaw maintenance and support for Azure App Service Domains serving over 80,000 customers.

UI/UX Software Engineer – Microsoft Azure

Feb '22 – Nov '22

- Drove design and release of Azure Container Apps Command Line Interface from private beta to public release.
- Engineered the first Azure CLI end-to-end fully managed deployment command that was demoed at the Azure Container Apps public release during the 2022 Microsoft Build Event.
- Developed and maintained all Azure App Service CLI commands for a combined 2 million monthly active users.

Software Engineer Intern – Microsoft Azure

May '21 – Aug '21

- Built internal pipeline that enabled developers to get direct access to their endpoint output for validation including immediate feedback on security risks and syntax violations.
- Integrated GitHub and DevOps to automate the Swagger validation process and hasten feature work release process to public-facing Azure SDK.

Software Engineer Intern – Fidelity Investments

June '20 – Aug '20

- Worked with the mobile alerts team to add new notifications for various investment actions using **Java Spring**.
- Tested and demoed new SMS alerts that extended existing push notification services.

Projects

haroonf.io

React · JavaScript

Constructed personal website using **React**, designing components with ChakraUI and hosting the project on Vercel.

Hercules

MongoDB · Express · React · Node

Utilized the MERN (MongoDB, Express, React/Redux/React-Native, Node) stack to design a server to access a database and create a front-end portal to search, update, and delete data from the backend.

Technology Stacks

MongoDB · Express · React · Node

A Medium publication that explains the MERN software stack and breaks it down into easily digestible pieces using **Hercules** as an example project.

Chargeo

Express · JavaScript

Designed an **Express** RESTful backend server that utilized the SmartCar API and Google Maps data to route to the nearest charging station automatically. *Winner of the best Smart Car API Hack.*