Haroon Feisal

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Education

University of North Carolina at Chapel Hill - *(Highest Distinction)*   Chapel Hill, NC
Computer Science B.S. & Statistics and Analytics B.S.   2018 - 2021

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

Skills

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

Frameworks .... .NET · Express · React · Node · Knack

Platforms .... Azure · AWS · Bash · Git · SQL · NoSQL

Work Experience

Backend Software Engineer (L60) – Microsoft Azure   Nov '22 – Current
– Architected and deployed robust automated infrastructure across over sixty regions for Azure App Service Managed Certificates that reduces sync time from hours to minutes.
– Led the design and implementation of the regionalization of Azure App Service Domains involving the complete overhaul of the database and data layers.
– Oversaw maintenance and support operations for Azure App Service Domains serving over 80,000 yearly customers while spearheading efforts to enhance fraud detection through increased alerting and the implementation of a new customer trust system.

UI/UX Software Engineer (L60) – Microsoft Azure   Feb '22 – Nov '22
– Drove the design and release of the Azure Container Apps CLI command module from private beta versions to public announcement including an end-to-end fully managed deployment experience.
– Developed and maintained all Azure App Service CLI commands, catering to a combined 2 million monthly active users.

Software Engineer (Intern) – Microsoft Azure   May '21 – Aug '21
– Built an internal pipeline that enables developers to get direct and immediate access to their endpoint output for validation.
– Integrated GitHub and DevOps to automate the Swagger validation process and hasten the delay from feature to the 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 my personal website using **React**, where I designed components with ChakraUI and hosted the project on Vercel.

Hercules   MongoDB · React · Express · JavaScript
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.

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*

Activities

Technology Stacks Medium Publication
A Medium publication that explains software stacks and breaks them down into easily digestible pieces. I used **Hercules** as an example project to show what can be done with the MERN (**MongoDB, Express, React/Redux/React-Native, Node**) stack.