Rune 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++

 Frameworks
 .NET · 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

runef.dev 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

 $MongoDB \cdot Express \cdot React \cdot Node$

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.