AADIT MEHROTRA

Bachelor of Applied Science in Systems Design Engineering at University of Waterloo

@ asmehrot@uwaterloo.ca   ⚇ aadit1901.vercel.app   **in** https://www.linkedin.com/in/aadit-mehrotra/   ⬡ tidaaartorhem

SKILLS

Languages & FrameWorks

| Angular | TypeScript | Vue | React | C# | Python | SQL | JavaScript | ASP.Net Core | Node.js | RxJs | ElasticSearchJs |

Services and Tools

| Azure DevOps | Docker | Heroku | MongoDB | Selenium | MySQL | Twillio | Firebase | Git |

EXPERIENCE

Software Consultant - Capco

🗓 May 2022 - Present   📍 Toronto, ON

- **Increased processing speed by 13%** on the asset management platform by incorporating the semantic-core library. *Angular, Formly*
- Transformed the dashboard views on the wealth management portal to use **lazy loading reducing lag times by 0.67s.***Angular*
- Developed unit test for all components built using Jasmine to increase branch, line and function coverage to **95%**. *Angular*
- **Automated 81 API test cases** to cover both positive and negative scenarios to achieve **90% branch and line coverage**. *Python*

Software Engineer - Thomson Reuters

🗓 Sept 2021 - Dec 2021   📍 Waterloo, ON

- Investigated security and UI enhancements on the admin portal by conducting technical spikes to **reduce support tickets by 15%.** *SQL*
- Redesigned the admin portal by implementing observables as required and eliminating the need for stores and actions. *MobX, React*
- Re-structured authentication of the portal to use LDAP auth service to increase security and **reduce database costs by 3%.** *C#, Azure*

Full-Stack Engineer - MCAP

🗓 Jan 2021 - April 2021   📍 Waterloo, ON

- Improved visibility of API failures by using the SignalR library on the internal hedge management tool. *C#, .Net, SQL*
- Designed and Implemented a modern content management service that helped to **reduce production tickets by 7.5%.** *VueJs, .Net, SQL*
- Automated CI/CD pipelines in Azure DevOps to send in real-time updates to the CMS site and log failures. *Yaml, SQL, Powershell*
- **Drove line and branch coverage to 98%** for all admin components on the broker portal via unit testing. *Vue, Jest*

Frontend Developer - Ontario Digital Service

🗓 Sept 2019 - December 2019   📍 Waterloo, ON

- Deployed a web based notification service using Firebase and Heroku to **reduce physical mail costs by 30%.** *React, Twillio, Firebase*
- **Decreased search lag time by 10%** on the SO Location finder application by using lazy loading and caching. *ElasticSearchJs, Vue, NodeJs*
- Reduced **database costs by 2.5 %** by migrating the mock data for the prototypes to the cloud and hosting the application.*Firebase*

Mobile/Web Developer - Carfax Canada

🗓 Jan 2019 - April 2019   📍 Waterloo, ON

- Engineered an IOS app that consumed car safety data from REST APIs to inform on the safety of booked vehicles. *Swift, Firebase*
- Aided to develop a dashboard that used real-time data with a drag and drop feature to monitor vehicle defects. *Google Map APIs, NodeJs*

PROJECTS

Relief @ Hack the Globe 2019 (Winner)

🗓 March 2019 - Present   📍 Waterloo, ON

- Programmed a web-based dashboard using React to consume large data sets of location data and supply quantities to optimize the supply chain for NGOs to collect non-monetary donations that helped **reduced wastage in donated goods by at least 15%.**

MS Teams for Students @ ProdCon 2019 (Finalist)

🗓 November 2019 - Present   📍 Waterloo, ON

- Conceptualized a light version of MS Teams by prioritizing features using a data-driven model to be more student focused while creating a seamless on-boarding experience for all stakeholders involved that would **increase user uptake by 10%.**