Jafer Haider

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3B Computer Science and Business Administration | Canadian Citizen, USA Resident

Work Experience

National Logistics Service   Fall 2018
Mobile Developer   Mississauga, Ontario, Canada

- Developed mobile app from scratch connecting React Native front-end to PHP RESTful API backend
- Designed UX/UI scaling for a variety of mobile devices from small iOS phones to large Android tablets
- Managed multiple projects whilst working independently and remotely to deliver finished products

BMO Capital Markets   Winter 2018
Software Developer Analyst   Toronto, Ontario, Canada

- Liaised with fixed-income traders to effectively deliver C# WPF applications with request/response RabbitMQ backend
- Worked with publish/subscribe backend to deliver a smooth bulk trade entry screen using a FIX protocol adaptor
- Connected Angular2 frontend with a Mongo backend to accurately measure and assess risk limits on US trading desks

Camis Inc.   Summer 2017
DevOps Engineer   Guelph, Ontario, Canada

- Created a dynamic web dashboard with Node.js and jQuery used to monitor and update build-deployment processes
- Implemented a company-wide source control branching strategy involving migration from TFS to Git
- Facilitated the implementation of Puppet to monitor client machines with restricted bandwidth limits

Technical Experience

Languages	Frameworks	Tools
C, C++, C#, JavaScript, Racket, Python, Java, PowerShell, SQL	React, React Native, Angular, Express, jQuery, Node.js, WPF, ASP.NET, XAML, CSS	SVN, Git, TFS, SQL Server, Oracle, Visual Studio, Expo, MongoDB

Visitor Management System   Fall 2018
Mobile app on iOS/Android tablets to manage visitors

- Developed seamless, cross-platform user interface using React Native with Expo
- Designed and scaled with both phones and tablets in mind, running equally well on all devices
- Connected PHP API to SQL Server database for back-end management of information

Bond Axes Publisher   Winter 2018
A C#, WPF, MVVM application for bond traders to create, save, and publish discounted bonds

- Leveraged publish-subscribe architecture to save and update database in real-time for multiple, simultaneous users
- Worked with bond traders to create ideal front-end interface whilst adhering to Model-View-ViewModel idiom
- Connected Oracle SQL database with RabbitMQ backend whilst maintaining backwards compatibility

web-msngr ⌥   Fall 2017
Real-time personal messaging web application created using the MEAN tech stack

- Connected Node.js backend with the Express framework to create a REST API for an Angular frontend
- Used MongoDB NoSQL database to efficiently store and retrieve information about users, chats, and messages
- Implemented Socket.io to facilitate real time message retrieval and broadcasting for connected users

Education

Honours Bachelor of **Business Administration** (BBA), Concentration in **Finance**   Wilfrid Laurier University, 2021
Honours Bachelor of **Computer Science** (BCS), Minor in **French**   University of Waterloo, 2021

Interests

Consultant at Laurier Consulting Club; shawarma; games like Spider-Man, God of War, Rocket League; shows like Game of Thrones, The Office, The Twilight Zone; soccer fan and coach; boardgames like The Resistance, Codenames, and Coup.