| TAHSIN MAZUMDAR | **Cambridge, ON, Canada**  **e:**  [tahsin.mazumdar@gmail.com](mailto:tahsin.mazumdar@gmail.com)  **p:**  +1 519 721 2323  **l:** [linkedin.com/in/tahsinmazumdar](http://linkedin.com/in/tahsinmazumdar)  **w:** [tmazumdar.github.io](https://tmazumdar.github.io) |
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**SKILLS**

**Front-end:** JavaScript, AngularJS, React, Electron, CSS, HTML, GraphQL, TypeScript

**Back-end:** C#, WCF, EntityFramework, LINQ, .NET Core, .NET 5+, SQL, NodeJS, Python, REST API

**Familiar Tools:** Git, Azure DevOps, Jenkins, AWS EC2, IIS, Figma, Storybook, Splunk, Swagger, Bunsen, Beaker, Jira, Confluence, Excel

**Application/Unit Testing:** React Testing Library, Pytest, MSTest

**AREAS OF EXPERTISE**

Frontend Development, OOP, Relational data-modelling, Data visualization, A/B Testing, CI/CD Task Automation, Code Reviews, Mentoring, Leading by example, Project Management

**EXPERIENCE**

**Senior Software Engineer - Full Stack** Aug 2021 - Jan 2024

**Yelp | San Francisco, California, USA**

* Led initiative to analyze user activity metrics (e.g. page views, clicks) on Yelp's website
* Created dashboards to monitor traffic from A/B experiment cohorts using Splunk, SQL, RedShift clusters
* Architected a new purchase flow on Yelp, which projected $2M+ in revenue through new subscribers of paid ad products - using React, JS, GraphQL
* Mentored junior engineers with code reviews, 1-on-1s and feedback during design & implementation
* Backend development & debugging experience with Python micro-services, updating REST API endpoints, using Swagger UI

**Senior Programmer Analyst** Jun 2016 - Jul 2021

**MAK Consulting Group | Brantford, ON, Canada**

* Early-stage engineer at a startup developing a manufacturing execution system (MES) for Nestle using .NET/C# and AngularJS framework, which saw a 24% increase of adoption rate per year in factories globally
* Backend development experience using Web API, EntityFramework 5, LINQ & SQL stored procedures
* Streamlined deployment process by automating CI/CD tasks using PowerShell scripts, created build & release pipelines in Azure DevOps
* Travelled to client sites and provided technical support during install of MES software in Germany, Thailand and Mexico
* Experience with software-hardware interfaces between MES application and PLCs via OPC protocol and Kepware

**Software Engineer** Jun 2012 - Apr 2016

**CDK Global | Waterloo, ON, Canada**

* Led data integration project with BMW, which involved client communication, project coordination, software development, e2e testing and piloting go-live
* Experience building communication layer with .NET, C#, WCF and SOAP to facilitate XML based communication between services

**PERSONAL PROJECTS**

**Ticker Tracker** Jan 2024 - Feb 2024

**https://github.com/tmazumdar/stocks**

A stock market app to plot US stocks and ETF prices from a public API. It’s written using Electron, React, Typescript, DaisyUI, TailwindCSS and ChartJS. It uses Electron's inter-process-communication (IPC) to share queried data between main and renderer processes

**EDUCATION**

**Bachelor’s Degree, Electrical Engineering with Co-op program**

**University of Waterloo**