

Amir Bukhari

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WORK EXPERIENCE

Rentsync/Rentals.ca

Oct. 2021 – Present

Lead Software Engineer

Toronto, ON

- Designing a robust software solution responsible for generating accurate invoices worth millions of dollars for thousands of clients on the first of each month.
- Leading a team of developers through the software development life cycle and the successful delivery of multiple features for a custom accounting/billing system, resulting in significant time savings and improved efficiency for the finance department, using a tech stack encompassing TypeScript, Node.js, React, Koa, TypeORM, MySQL, and test driven development with Jest.
- Developing software solutions encompassing Invoicing, Statements, Credit Notes, Reporting, Emailing, Custom Billing Calculators, Security, and API Integrations with Freshbooks, Xero, and Hubspot.

Software Engineer

November 2020 – September 2021

- Collaborated as a key member of a small team (2 people) tasked with developing a modular and scalable billing and financial reporting platform to replace the legacy system, utilizing distributed computing.
- Conducted a comprehensive study of the business rules embedded within the legacy platform, documenting them to provide guidance for the development of the new platform..
- Successfully converted the legacy PHP financial software to a Node.js/TypeScript project, ensuring adherence to functional best practices.

Brock University Developmental Neuroscience Lab

July 2018 – January 2022

Software Engineer

St. Catharines, ON

- Developed software for analyzing eye tracking data in MatLab.
- Applied machine learning techniques to automatically detect eye blinks and remove them from the data, resulting in dozens of hours of saved time across multiple researchers.

Niagara College Research and Innovation

November 2016 – May 2017

Software Engineer

Welland, ON

- Designed and developed sensing device, mobile responsive web application, iOS application, Android application, onsite server software, and cloud server software for an emergency event notification system.
- Utilized MongoDB, Express, React Native, NodeJs, Javascript, HTML5, CSS3, Java, Objective-C, C++.

EDUCATION

Brock University

September 2018 – November 2020

Computer Science

St. Catharines, ON

Niagara College

September 2014 - January 2017

Advanced Diploma , Computer Programmer Analyst (Co-op)

Welland, ON

SKILLS

Languages: JavaScript, TypeScript, Java, C#, PHP, SQL, MATLAB, ActionScript 3.0, Objective-C, C++

Frameworks and Libraries: Node.js, React, React Native, Koa, Express, TypeORM, jQuery, ASP.NET

Databases: MySQL, MongoDB

Tools and Platforms: GCP/Kubernetes, Docker, Jest, NPM, Yarn, AJAX

Web Technologies: HTML5, CSS3

Hardware and IoT: Arduino, Windows IoT