

# AHDIEH EMADI

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Cell: 647-885-8428

<https://github.com/ahdieh>

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## **TECHNICAL SKILLS AND KNOWLEDGE**

**Programming Languages :** JavaScript (ES6), TypeScript, HTML5, CSS3, Java

**Databases:** MS-SQL, MySQL, MongoDB

**IDEs:** WebStorm, Visual Studio, Eclipse, Expression Web 4, IntelliJ

**Version Control System:** Git, GitHub

**Other:** Nodejs, Express, Jest, Web Services, RESTful API, Object-Oriented Programming, Data structures, Software development lifecycle (SDLC), MVC Architecture

## **EDUCATION**

**Diploma in Software Engineering**  
**Centennial College, Honors, GPA: 3.95**

**2016**

**Azad University (IAU)**  
**B.S. in Electronic Engineering**

## **WORK EXPERIENCE**

**Vassu Tech Services Inc., Toronto**

**Product Engineer**

**Oct 2021 – Present**

- Collaborated in building a web application using React JS, Node JS, GraphQL, Express, and MongoDB.
- Built a CorDapp to constrain the evolution of each IOUState over time by writing the IOUContract and updating the flow.

**CheaprEats., Toronto**

**Back End Developer**

**Mar 2021 – Oct 2021**

- Working experience in NodeJS platform and Express framework.
- Using Mock objects for writing unit tests in JavaScript with Jest and debugging existing applications.
- Adding TypeScript features to JavaScript codes to eliminate runtime errors in Nodejs project.
- Vendor Messaging System Design which allows Vendors to Communicate directly with their customers through their digital storefront.
- Helping to update some npm packages.

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## **CyberMatic Solutions Inc., Toronto**

### **System Analyst**

**Jan 2018 – Apr 2020**

- Designed and modified websites for clients using HTML, CSS, and JavaScript
- Designed technical document for new user requirements
- Provided queries, create SQL tables and defining their relationships, write effective stored procedures and debug existing ones.
- Provided end-user training for modified and new systems

## **Teknion Limited., North York**

### **Programmer Analyst**

**Sep 2016 - Jun 2017**

- Developed and implemented effective solutions related to application integration and implementation functions as well as created user interface and database modifications for new software applications.
- Prepared business requirements documentation and translated to technical specification.

## **Microart Services Inc., Markham**

### **Test and Troubleshoot Technologist**

**Aug 2009 – Aug 2016**

- Developed one application in C# to do automation test of 96 electronic boards on one panel.
- Investigated, troubleshoot down to Component's level, and repaired functional or mechanical problems/failures with the test vehicle and test fixtures.
- Programmed FPGA (Field Programmable Gate Array) and Logic Devices (PLD), using Xilinx programming software tool and hardware support equipment.

## **CERTIFICATIONS**

**Progress 4G Essentials - Certificate of Training**

**2016**

## **PROFESSIONAL TRAINING**

**NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)**

**In progress**

**The Web Developer Bootcamp 2021, Udemy**

**In progress**

**How to Become a Software Developer from Scratch, Udemy**

**In progress**

**Web Development using Angular 7 and TypeScript, University of Toronto**

**2019**

**Java Programming and Software Engineering Fundamentals, Duke University**

**2019**

**Data Analytics: Basic Methods (CCPS 123), Ryerson University**

**2018**

**Data Organization for Data Analysts (CCPS 110), Ryerson University**

**2018**

**Data Structures and Algorithms (CCPS 305), Ryerson University**

**2018**

**Mobile Applications for Android Devices, University of Toronto**

**2017**

### **Projects:**

- <https://ahdieh.github.io/Ahdieh-Emadi.github.io/>