

# FARNAZ TOWHIDI

## FRONT-END ENGINEER

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### HIGHLIGHTS

Front-stack developer with years of experience in designing and developing user interface, testing, debugging, implementing components in amazing companies like IBM, Canadian Institute of Cyber Security and Biossentials. I always feel passionate about increasing the limits to academic knowledge thus my PHD and increasing the knowledge in General Assembly of Toronto.

### TECHNICAL SKILLS

- **Language, Frameworks, and Libraries:** HTML5, CSS3, JavaScript, DOM, Bootstrap, React.js, Express.js, Node.js, Python, Django, Jira, Jenkins, TestRail, Eclipse, Selenium
- **Database and DB Management Tools:** MongoDB, SQL, mongoose, Mongoose
- **Methodologies:** Object Oriented Programming, MVC pattern, Responsive Design, OAuth Authentication, User stories, Wire framing, REST APIs, Deploy GitHub, Heroku, Git and Git Hub, Middleware, Mern Infrastructure, Agile Scrum

### RELEVANT EXPERIENCE

**Frontend Developer** 2021 - 2022

**Iranian Iron & Steel Institute of Education (Remote), Tehran, Iran**

- Implemented a website for workshops on Metallurgical and Materials engineering
- HTML, CSS, ASP Classic

**Frontend Developer** 2019

**Canadian Institute of Cybersecurity, Fredericton, New Brunswick**

- Designed and built website for International Conference on Privacy, Security and Trust, including information on events, workshops, organizers.
- Technologies used: HTML, CSS, ASP Classic

**Frontend Developer** 2009 - 2014

**Biossentials, Kuala Lumpur, Malaysia**

- Worked closely with a designer to create new comprehensive layout
- Coded company website from ground up based on new graphic design, along with SEO audits that considered on page and off-page
- Technologies used: HTML, CSS, ASP Classic, SEO

**Full Stack Developer** 2005 - 2008

**Maadiran, Tehran, Iran**

- Designed and modified dynamic web site for products automation, manufacturing, and after-sales support as a part of team of 4

- Analyzed user's needs and converted them to create right solutions, such as selecting products based on user's requirement
- Technologies used: Asp dot net, Microsoft SQL server, HTML, CSS

### **Full Stack Developer**

2002 - 2005

#### **Parsportfolio, Tehran, Iran**

- Part of a team of 7 to build stock trading website with monthly traffic of over 1 million visitors
- Contributed to coding applications for educational and salary portal using OOP
- Assisted in designing a training CD, including a hands-on guide for investing and trading stocks
- Technologies used: HTML, Asp dot net, Microsoft visual studio, Microsoft SQL server

## **ADDITIONAL EXPERIENCE**

### **Quality Assurance (Contract)**

2020

#### **IBM, Fredericton, New Brunswick**

- Part of security intelligence team of 10 working on QRadar admin
- Knowledge on QRadar log and network activity and reports
- Created and edited automated test cases, manual, automation and regression testing
- Technologies used: Selenium, QRadar, Eclipse, Test Rail, Git, Git Hub

## **PROJECTS**

### **McDonald's Application**

[Github](#)

- DRY REST API for fully-functional styled McDonald's inventory application
- Technologies used: Express/Node and MongoDB, Python

### **Chatterbox**

[Github](#)

- Mern stack application, a responsive single page application
- Uploader with the use of AWS S3 buckets and the npm package, "aws-sdk"
- Technologies used: MongoDB, Express, React, Socket.io, Amazon Web Services

### **Track Fit**

[Github](#)

- Full crud application, for recording the user's daily fitness log
- Technologies used: HTML, CSS, Python, Django, PostgreSQL

### **War Card Game**

[Github](#)

- The browser base game, using application state, manipulating DOM and Includes shuffling and win/loss logic
- Technologies used: Html, CSS and JavaScript, Deploy on github

## **EDUCATION**

Software Engineering Immersive, General Assembly, (**GPA 3.98 of 4**)

2022

PHD of Computer Science, UTM University, Kuala Lumpur, Malaysia

Master of Information Security, UTM University, Kuala Lumpur, Malaysia, (**GPA 3.65 of 4**)