

# DANYAL SIRAJ

 Github: [github.com/danyalsiraj](https://github.com/danyalsiraj)

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## OBJECTIVE

Looking for a Full Stack Developer position in an environment where innovation, education, and creativity is valued. I am a passionate developer with consideration of customer/business needs, latest technologies, and programming standards. My development experience includes RESTful APIs, mobile cross platform development with React Native, web applications, and windows program for cursor control via face/eye movement

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## EDUCATION

### BASc in Electrical Engineering with Engineering Management

*Sep 2012-Dec 2016*

University of Ottawa

- Received Admission Scholarship
- Specialized in Systems Engineering
- Capstone: Developed windows program for cursor control via face/eye movement.

### Software Engineering Education from uOttawa Courses(Self Taught)

*May 2017-Jan 2018*

- Introduction To Computing I (ITI1120) & II (ITI121)
  - Introduction to Software Engineering (SEG2105)
  - Data Structures and Algorithms (CSI2110)
  - Databases (CSI2132)
  - Software Requirements Analysis (SEG3101)
  - Software Design and Architecture (SEG3102)
  - Design and Analysis of Algorithms(CSI3105)
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## SUMMARY

- Entrepreneurship, co-started Freshbe
  - Developed Mobile application in react native
  - Developed RESTful API for mobile app (Freshbe)
  - Developed real time chat app in Node
  - Developed todo and weather app in Node
  - Developed all mainstream data structures in Java
  - Maximize the use of automated test cases
  - Regularly solve challenges on HackerRank
  - 66 Days coding streak on github
  - Developed windows application for cursor control via face/eye tracking
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## AREAS OF EXPERTISE

- Languages: Java, Javascript, C, C++, MATLAB, Arduino (Embedded C), VHDL
  - Frameworks: ReactJS, React Native, Node.js, ExpressJS, Mocha, Chai.js, OpenCV
  - IDE: Eclipse, Sublime, Atom, Visual Studio Ultimate, Visual Studio Code, DBeaver
  - Databases: PostgreSQL, MySQL, MongoDB (NoSQL)
  - Frontend: HTML, CSS, ReactJS, React Native, d3, jQuery, Bootstrap, Freemarker
  - Backend: Java and Javascript
  - Version Control: Git
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## **PROFESSIONAL EXPERIENCE**

### **Full Stack Developer**

*Nov 2017-Present*

Freshbe

- Develop Mobile app and REST API to allow users to easily connect with local hair salons.
- Conduct requirements analysis by interviewing both end users (stylists and customers).
- Project Management using github projects.
- Technologies used: Javascript, React Native, Amazon S3, PostgreSQL, Node.js, ExpressJS, Mocha

### **Data/ARTEMIS Support**

*Aug 2017-Present*

SBE Canada Ltd

- Build reports based on client requirements.
- Responsible for managing/assigning role based access in ARTEMIS
- Create locks(acceptance criteria for release) for devices.
- Research into solutions to improve release processes.

### **Quality Control and Function Testing (Screener)**

*May 2017-July 2017*

SBE Canada Ltd

- Test the cell phones and tablets for functional and cosmetic faults.
- Perform function tests by using auto test codes or manually.
- Troubleshoot to resolve software issues(i.e. Hard reset).
- Assign grades to all the devices based on the cosmetic condition.
- Scan all the devices in computer and update the device information.

### **Junior Quality Assurance Analyst**

*Sep 2015-Dec 2015*

Innovation Science and Economic Development Canada

- Testing such as: Functional, Integration, System, Regression, and User Acceptance.
- Creating/executing test plans and test cases from use cases and/or requirements documents.
- Deploying builds in a dedicated testing environment.
- Logging/analyzing issues using a bug tracking software (JIRA).

### **Junior IM/IT Architecture Analyst**

*Jan 2015-Apr 2015*

Transport Canada

- Assist with identifying appropriate IM/IT solutions to meet the requirements of the business lines.
- Researching and testing commercially available products to determine their functionality and ease of use.
- Consult with IM/IT Architecture team to determine the viability of options and recommendations.
- Testing and evaluating software and hardware to assess its suitability for use within Transport Canada.
- Assist with troubleshooting and resolving problems related to IM/IT architecture.