

# Mohamed Tabrez Saqib Ubaidur Rahman

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## TECHNICAL SKILLS

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**Languages:** HTML5, CSS3, JavaScript ES6, AJAX, JSON, React JS, Redux, Python, PL/SQL

**Development Tools:** Eclipse, Visual Studio Code, Google Colab, Vivado Design Suite, Lattice Diamond, MATLAB, Tableau

**Interface & Peripherals:** FPGA, Image Sensor

**Debugging Tools:** Postman

**Version control & Build Tools:** Git

## WORK EXPERIENCE

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### FPGA Design Intern

May 2022 – Dec 2022

CubeSat NB, Fredericton

- Achieved data deserialization and frequency management between multiple modules successfully using Lattice Diamond Software.
- Effectively addressed the error concerns by validating and verifying multiple test case scenarios.
- Proficiently assisted the Firmware Engineer with SPI Slave Driver Development for the Imager and FPGA.
- Skillfully coordinated with team members of various modules for enhancing functionality.
- Acquired further knowledge on Lattice FPGA, VHDL, Verilog, IPs, and Device Drivers.

### Application Development Analyst

Aug 2018 - Aug 2021

Accenture, Chennai, India

- Modified and managed hospital scheduling/billing tools using Cadence.
- Assisted in designing logical games for a mental health scan app using React.
- Developed, automated, and maintained Budget Reports using PL/SQL and BI Publisher.
- Secured proficient communication with the client and contributed innovative ideas to their ongoing projects.
- Upskilled in languages such as React, CSS3, Cadence, and PL/SQL.

## TRAINING

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### HTML, CSS, JavaScript, and React JS

Dec 2022

- Trained in HTML5, CSS3, JavaScript ES6, React JS, and Redux with multiple projects and hands-on experience.

### Microsoft Azure Fundamentals

Dec 2020

- Cloud Azure fundamentals and architecture.

### EPIC Cadence/Prelude Fundamentals

Aug 2020

- Fundamentals in Cadence and Prelude for hospital scheduling and billing.

### EPIC Cadence Administration

Aug 2020

- Patient and provider administration for hospitals.

## EDUCATION

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<b>Master of Engineering, Electrical and Computer (3.9/4.3)</b>	Sep 2021 – Dec 2022
University of New Brunswick, Fredericton	
<b>Bachelor of Engineering, Electronics, and Communication (8.1/10)</b>	Aug 2014 - Apr 2018
Anna University, Chennai	

## PROJECTS

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<b>To-Do App</b>	Dec 2022 – Jan 2022
<ul style="list-style-type: none"> <li>Constructed a to-do app based on React JS and Redux where a user can plan their daily chores.</li> <li>Maintained the API data implementing JSON.</li> <li>Simplified the app for the user to add, modify and delete data.</li> </ul>	
<b>Adopt a Dog App</b>	Nov 2022 – Dec 2022
<ul style="list-style-type: none"> <li>Generated a dog adoption app utilizing React JS where a user can search for different dog breeds and find a suitable dog to adopt.</li> <li>Managed dog API data with JSON and Postman.</li> <li>Improved the application by applying CSS3.</li> </ul>	
<b>Gym App</b>	Oct 2022 – Nov 2022
<ul style="list-style-type: none"> <li>Created a user-friendly gym registration website with the help of React JS.</li> <li>Assembled registration, login, checkout pages, and API data administering JSON, Postman, and Redux.</li> <li>Worked on routing the web application.</li> </ul>	
<b>E-Portfolio</b>	Sep 2022 - Oct 2022
<ul style="list-style-type: none"> <li>Composed an e-portfolio using CSS3, HTML5, and JavaScript ES6.</li> <li>Listed basic information, skills, projects, and experiences in different tabs.</li> <li>Attached is a CV to download and observe for later use.</li> </ul>	
<b>Mental Health Scan</b>	Jun 2020 – Sep 2020
<ul style="list-style-type: none"> <li>Programmed responsive web pages to check the mental health status of patients in a team of 3 members.</li> <li>Operated reusable components in React.</li> <li>Integrated API using the Fetch method.</li> </ul>	

## AWARDS

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<b>Ace Award</b>	May 2021
<ul style="list-style-type: none"> <li>For building trust, gaining recognition and appreciation within a few months with the new client.</li> </ul>	
<b>Pinnacle Award</b>	Feb 2021
<ul style="list-style-type: none"> <li>For being the torchbearer of continuous innovation and agility at scale.</li> </ul>	

## EXTRA-CURRICULARS

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<b>Electronics and Communication Department of MSEC</b>	Jun 2016 – Mar 2018
<ul style="list-style-type: none"> <li>Served as the President of the department and conducted a national-level technical symposium, conferences, and seminars.</li> </ul>	