Mohamed Tabrez Saqib Ubaidur Rahman

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TECHNICAL SKILLS

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

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

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

Master of Engineering, Electrical and Computer (3.9/4.3)   Sep 2021 – Dec 2022
University of New Brunswick, Fredericton

Bachelor of Engineering, Electronics, and Communication (8.1/10)   Aug 2014 - Apr 2018
Anna University, Chennai

PROJECTS

Shopify App   Oct 2022 – Nov 2022
- Created a user-friendly shopping website with the help of React JS.
- Assembled multiple categorical pages and created own API data administering JSON, Postman, and Redux.
- Worked on routing the web application.

To-Do App   Dec 2022 – Jan 2022
- Constructed a to-do app based on React JS and Redux where a user can plan their daily chores.
- Maintained the API data implementing JSON.
- Simplified the app for the user to add, modify and delete data.

Adopt a Dog App   Nov 2022 – Dec 2022
- Generated a dog adoption app utilizing React JS where a user can search for different dog breeds and find a suitable dog to adopt.
- Managed dog API data with JSON and Postman.
- Improved the application by applying CSS3.

E-Portfolio   Sep 2022 - Oct 2022
- Composed an e-portfolio using CSS3, HTML5, and JavaScript ES6.
- Listed basic information, skills, projects, and experiences in different tabs.
- Attached is a CV to download and observe for later use.

Mental Health Scan   Jun 2020 – Sep 2020
Accenture, Chennai, India
- Programmed responsive web pages to check the mental health status of patients in a team of 3 members.
- Operated reusable components in React.
- Integrated API using the Fetch method.

AWARDS

Ace Award   May 2021
- For building trust, gaining recognition and appreciation within a few months with the new client.

Pinnacle Award   Feb 2021
- For being the torchbearer of continuous innovation and agility at scale.

EXTRA-CURRICULARS

Electronics and Communication Department of MSEC   Jun 2016 – Mar 2018
- Served as the President of the department and conducted a national-level technical symposium, conferences, and seminars.