

# Raiyan Khalil Shuvo

Vancouver, BC | 7783254186 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [raiyankhalil@gmail.com](mailto:raiyankhalil@gmail.com)  
Full Stack JavaScript Engineer | Mobile Application Developer | Postgraduate | Software Developer

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, TypeScript, Java, Python, C#, PHP

**Frontend Development:** ReactJS, React-Native, VueJS, AngularJS, HTML5, CSS/SASS, Tailwind

**Backend Development:** NodeJS, Express, Django, Laravel, REST APIs

**Database Management:** MySQL, NoSQL, MongoDB

**Version Control:** Git

**Other:** Linux, AWS, Jira, Agile, Problem Solving and Debugging, Effective Communication and Teamwork, Self-Driven, Quick Learner

## EXPERIENCE

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### The Home Depot

Vancouver, BC

Sales Associate | Tool Rental Service Technician – Part-Time

February 2022 - Present

- Greet and help customers by asking open-ended questions and providing curated solutions for their home project needs.
- Sell additional Home Depot insurance, credit cards, and pro extra membership.
- Check-in, check-out, and repair tools as necessary.

### Echologyx Ltd.

Dhaka, Bangladesh

Software Engineer – Full-Time

June 2021 - January 2022

- Write functional, responsive, and efficient code and take part in peer evaluations across team members.
- Work in a cross-functional team to deliver multiple tests in a Scrum framework.
- Develop and deploy experimentation tests (A/B Tests) for multiple high-profile European clients.
- Generate analytics from experimentation tests like heat maps, bounce rate, check-outs, and click rate.
- Provide technical consultation and feedback to scale CRO Metrics for clients.
- Led full-stack development of new features for the Product Passport mobile application by espares.com using React-Native and StrapiJS.

### Dokane Dokane AD - AdTech

Dhaka, Bangladesh

Co-Founder | Software Engineer – Full-Time

September 2020 – May 2021

- Communicate with potential investors about the company's vision, technological innovations, and progress.
- Manage team workflow in a SCRUM framework by holding Bi-Weekly Sprint Planning, Review, Retrospective, and Daily Scrums.
- Develop and deploy incremental features of an admin application using ReactJS for clients to upload, schedule, and select locations to play their ads.
- Develop a mobile application using React-Native to play automated videos in Android TV boxes.
- Recognised for innovating the FMCG Retail Space by a national newspaper.

## Techdojo

Junior Software Engineer – Full-Time

Dhaka, Bangladesh

September 2019 – August 2022

- Developed an efficient Bengali-to-English phonetics algorithm and search algorithm from the Bengali Dictionary for a Bengali word-based game, [NIYO](#), using vanilla JavaScript.
- Developed core game logic for a Bengali number-based game, [DUJ](#), which is a combination of Solitaire and 2048.
- Work in a cross-functional team to deliver two mobile games using React-Native, Firebase, JavaScript
- Deploy mobile application in Google Play Store
- Learn from senior team members on various aspects of development using React, React-Native, Hooks, Reuseable Components, and more.

## EDUCATION

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### Douglas College

Post-Baccalaureate Diploma – Computer and Information Systems

New Westminster, BC

January 2022 - December 2023

**Relevant Coursework:** Mobile Application Development, UI/UX Design, Cloud Infrastructure, Network Cybersecurity, Mobile Cybersecurity, Database Management, Web Development

### Independent University Bangladesh

Bachelor of Science (B.Sc.) – Computer Science & Engineering (Honours)

Dhaka, Bangladesh

December 2019

**Relevant Coursework:** Algorithm & Data Structure, Operating Systems, Software Engineering, Web Development, Computer Networks

## PROJECTS

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### Garbage Recycler & Home Utility Tracker Application

A mobile app where users can keep track of their utilities and recycle garbage for a monetary incentive. Used **MongoDB**, **Express**, **React-Native**, and **Node (MERN)** stack to create frontend, backend, REST APIs, and authentication flow. And used **TensorFlow** to create an ML model for object recognition in an image.

### Easy Checkup Application

A doctor finder and scheduling web application created using **PHP** and **Laravel** framework. Users can find the nearest doctors and clinics based on their requirements and can also view it on a map.

### Recipe Finder & Nutrition Analyzer Application

An Android app developed using **Java** to find the nutritional content of any amount of food and find recipes using public APIs.