Rikin Katyal

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EDUCATION

University of Windsor
Honours Bachelor of Science
Computer Science
Expected Graduation April, 2021

SKILLS

Languages
JavaScript, Java, Python, Kotlin, C, Bash, SQL, GraphQL, PHP, HTML, CSS

Tools & Libraries
React.js, React Native, Android, Node.js, TypeScript, Next.js, Redux, Gatsby.js, Sass, Jest, Git, SVN, IoT

PROJECTS

BluetoothKit
Complete Android Bluetooth library for secured connections with almost 1000 downloads

Quick Connect
Android Quick Settings Tile for fast Bluetooth device connection with almost 2000 downloads

sendit
A serverless remote torrenting utility leveraging a continuous integration and delivery platform

backend-proxy
A command line utility for frictionless and secure RESTful API proxying with over 8500 downloads

robin
Single sign on login system library for Android capable of Google & Facebook authentication with close to 2000 downloads

COURSEWORK

Data Structures
Algorithms
Databases
Web Applications
System Programming
Object-Oriented Programming
Computer Architecture

EXPERIENCE

UniquID, Inc   June 2018 – September 2019
Full Stack Developer   San Francisco, California
JavaScript, React.js, Node.js, Git, Next.js, PHP, AWS

- Lead the design & implementation of the scalable client console system using JavaScript, React.js, Redux, Next.js, & AWS
- Utilized the Agile methodology for integrating the console with the decentralized Identity and Access management platform for IoT devices
- Engaged in the planning, testing, and deployment of the infrastructure and microservices
- Maintained and implemented new features on the Node.js API

Murcul Ltd   August 2017 – June 2018
JavaScript Developer   Wan Chai, Hong Kong
JavaScript, React Native, React.js, Node.js, Git, Gatsby.js, Next.js, AWS

- Orchestrated and maintained an open source backend proxy tool to securely cache and route REST requests to clients' internal APIs software development best practices within the company including proper documentation and snapshot testing
- Facilitated an on-demand crowd-sourced development engine powered by a custom portal built on Node.js and React
- Followed agile development methodology along with end-to-end system testing on client projects while creating tech specs

Language Drops   June 2017 – August 2017
React Native Developer   London, United Kingdom
JavaScript, React Native, Node.js, TypeScript, Flow, Git, AWS

- Created interactions from the ground up while re-engineering the native iOS app using React Native for cross platform support
- Developed innovative physics-based interactive React components that fluidly respond to multi-touch input
- Maintained close communication with the UX team to enhance product quality
- Enhanced onboarding times by optimizing over 25,000 audio files in the app package using lazy loading & deterministic optimization, in turn reducing the package size by over 65%

Kuririi, Inc.   July 2016 – May 2017
Web Developer   Toronto, Ontario
JavaScript, Node.js, NGINX, HTML, CSS

- Developed and managed the marketing site for the delivery startup whilst performing software enhancement and tested newly implemented processes
- Prioritized and fixed site-related design problems and took the initiative to implement new features based on feedback from users
- Provided technical consulting services regarding mobile app development

EXTRACURRICULAR

Hack the Valley 3
Hackathon Advisor
May 2018 – February 2019

Hack the Valley 2
Sponsorship Coordinator
May 2017 – April 2018

AMACSS Computer Science Club
Club Representative
October 2017 – April 2018

MasseyHacks
Co-Director
February 2016 – May 2017