Karan Bhandari

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LINKS

Github:// **karanbhandari**
LinkedIn:// **karanbhandari96**
Website:// **karanbhandari.github.io**

SKILLS

Languages:
C/C++ • Java • Python • Scheme
Typescript • SQL • Bash • Javascript

Frameworks:
AngularJs • React.js • Spring • SAILS
Ionic2 • Node.js • Polymer • ASP.NET
Hibernate • Express.js • Ionic2 • Django

Databases:
MongoDB • Postgresql • MariaDB

Technologies:
Jenkins and JNLP Slave Nodes • NGINX
Amazon Web Services(AWS) • Jira
Apache Airflow • Protocol Buffers
Docker • Git • REST • HTTP

Testing Tools:
Karma • Mocha • Jest • JUnit

Also Familiar With:
Swift • GraphQL • Docker • Firebase
Adobe After Effect

COURSEWORK

UNDERGRADUATE
Software Design and Architecture
Computer Security and Privacy
Distributed Systems
Artificial Intelligence
Computer Networks
Operating Systems
Algorithms
Data Structures and Data Management
Object-Oriented Programming

EDUCATION

UNIVERSITY OF WATERLOO
Bachelors in Computer Science
Graduated Aug '19 | Waterloo, ON

EXPERIENCE

ORACLE | Software Developer Intern
January 2019 – April 2019 | Toronto, ON
• Implemented and demoed stories in **C#** that directly resulted in new client subscriptions
• Fixed multiple bugs in the core application to remedy release block using **C#**
• Resolved issues in **open-source** repositories that were not being actively developed anymore using **Javascript**

ULTIMATE SOFTWARE | Software Developer Intern
May 2018 – August 2018 | Toronto, ON
• Developed feature endpoints for our web application back-end using **Java SpringBoot**
• Created functions to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously
• Implemented **Hibernate** to update databases based on mapping tables from different data sources.

TD LAB | Android Developer Intern
September 2017 – December 2017 | Toronto, ON
• Developed an **Android** prototype demonstrating the user-to-user interaction, as well as a potential customer-to-merchant interaction
• Investigated new concepts for a peer-to-peer banking experience

TD BANK | Solutions Developer Intern
July 2016 – December 2016 | Toronto, ON
• Created POC idea submission web app using **Node.js, Angular2, Express.js, MongoDB** that increased team efficiency by **50%**
• Designed, developed and automated **deployment** of system enhancements
• Implemented front-end and back-end aspects of web and mobile applications using **Ionic, Cordova, Socket.io**

SPENDWELL INC | Software Developer Intern
May 2016 – June 2016 | Toronto, ON
• Optimized functionality of organization's Web App by **50%** by introducing Mobile navigation using **React.js and GraphQL**
• Tests and code written utilizing **Django** for production ready code
• Involved in fixing Front-End issues with the layouts using **React.js and SASS** and various debugging tools like Chrome Developer Tools

PROJECTS

6PARK | Javascript, Java, Cisco API: Tropo, Spark, Zeus, Relay
• Android application that will decrease the number of ticket machines and will pay for and manage parking spots easily
• **Cisco DevNet Hackathon Runners-up**

BUMPAPP | Ionic2, Cordova, NodeJs, Socket.io, MongoDB
• Created a multi-platform mobile application where users can transfer images and texts by bumping two mobiles into one another