Jiwan Kang

jiwankang.com
github.com/jiwankang
linkedin.com/in/jiwankang
J74kang@edu.uwaterloo.ca

Skills Summary

Proficient in **PHP**, **Python**, **Java**, **JavaScript**, **HTML**, **CSS**, **C++**, and **SQL**.

Comfortable organizing work using **Git** version control and in an **Agile** environment.

Experienced working with **Node.js**, **Angular**, **Electron**, **MySQL**, **Android SDK**, and **Bootstrap**.

Excited to build skills in backend software development, especially with newer technologies.

Work Experience

Sep-Dec
2017

Fullstack Developer - Tulip Retail, Kitchener, ON
*Actively deployed production features/tools for clients on multiple projects and led **Agile** workflow.*

- Collaborated with project leads to ensure satisfaction while working on main client facing team.
- Developed a webtool using **PHP** and Slack's API to prevent **weeks** of unnoticed import failures.
- Created a UI to delegate the task of client data syncing from developers to project managers.
- Commended for work on demo app; integrated new features before an important showcase.
- Developed **Twilio** script, capable of purchasing and storing **1000s** of phone numbers in **seconds**.
- Directed **Kanban** workflow during company growth and with migration to **JIRA** and VSTS.

Jan-Apr
2017

Fullstack Developer - Tulip Retail, Kitchener, ON
*Debugged and optimized features in **PHP, MySQL** stack while executing **Agile** software development.*

- Integrated features like product descriptions, product attributes, and search filters for clients.
- Maintained iOS application functions by debugging **RESTful APIs** and examining **JSON** responses.
- Automated data imports and import log organization using the Linux tools Cron and Logrotate.
- Optimized loading of **2 million records** by **300%** by enhancing SQL query and reducing API calls.

Projects

Oct-Dec
2017

Workspace
https://github.com/thechausenone/workspace

- **Electron** application designed to organize the user's screen/display based on a set configuration.
- Implements Angular Material as a frontend library and **Firebase** for login authentication.
- Dynamically resizes windows by automatically generating and executing a templated **shell script**.

May
2017

The Launcher
https://github.com/jiwankang/thelauncher

- **Android** lock-screen module for efficient access to external phone apps using custom gestures.
- Overcame restrictions of small team and short timeframe to build a functional prototype.

WIP

Jiwankang.com
https://github.com/jiwankang/jiwankang.github.io

- Personal portfolio website built with **Bootstrap**, acting as landing page for professional inquiries.

Education

Candidate for Bachelor of Applied Science – Computer Engineering
University of Waterloo – Waterloo, ON

- **3.91/4.00** GPA - Top **15%** of class