Ashwin Anand

SOFTWARE ENGINEERING STUDENT

WWW.DOUBLEAA.NET

WORK EXPERIENCE

Software Developer - Cheetah Networks
- Contributed to the development of a system to prevent distracted driving
- Developed core Bluetooth functionality for an Android application, in order to implement wireless communication with an external hardware unit (**Java, C++**)
- Designed and wrote firmware for a custom device to enable Bluetooth communication with a mobile application (**C**)

Software Developer - Cision Canada
- Assisted in the maintenance and development of a REST web API for scraping and distributing information for internal usage (**Java**)
- Performed research on and demoed the ELK stack (**Elasticsearch, Logstash, Kibana**) as a viable solution for a central log repository

Software Developer - Ross Video
- Created new features for the UI of OverDrive software (**Java, HTML, CSS, JavaScript**)
- Migrated software UI platform to the latest version (**Eclipse RCP**)

Software Developer - Agriculture and Agri-Food Canada
- Managed and developed features for the SharePoint site of the HR department (**JavaScript**, **HTML, CSS**)
- Created a dashboard tool for monitoring the status of various server computers (**Java**)

PERSONAL PROJECTS

CallBell
- Developed an IoT-based callbell system with a physical circuit which creates a toast notification on my computer when a button is pressed (**Node.js, Arduino**)

BottleIt
- Created a webapp which allows users to post anonymous messages and fetch random messages posted by others (**Node.js, MongoDB**)

Roadman Bot
- Built a soundboard bot for the Discord chat service that can play a selection of sound effects upon user request (**Node.js**)

SKILLS

Languages: Java, JavaScript (ES6), C++, C, HTML5, CSS3
Libraries/Frameworks: jQuery, Bootstrap, React
Tools: Git, Babel, Webpack, NPM, Yarn, Mocha, Chai, Postman, MongoDB, PostgreSQL, Linux

EDUCATION

2015-2019 | University of Ottawa
Bachelor of Applied Science in Software Engineering

CONTACT

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https://github.com/0Calories