

Anthony D. Roberts

Software Developer with 2.5+ years of experience contributing to high-impact tech initiatives that improve developer effectiveness and CI/CD processes

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SKILLS

Languages: JavaScript, TypeScript, Go, Python

Tools & Technologies: Node.js, Jest, Jenkins, Github Actions, JFrog Artifactory, Docker, Vagrant, Packer, AWS (S3, EC2, Athena, Lambda, CLI), Allure Framework, CMake, Bash, Git

EMPLOYMENT

WarnerMedia (HBO Digital Products, You.i Platform)

May 2019 - Present

Software Developer II

Ottawa, ON

Collaborated as part of a Developer Productivity group to develop and maintain tools, code deployment / release processes, and build system improvements for a multi-platform video streaming SDK (Software Development Kit)

- Delivered features, performance improvements, and bug fixes for the SDK's TypeScript (Node.js) CLI tool, streamlining multiple areas of the development process and enhancing the main interface between a developer and the SDK
- Developed and supported SDK's build, test, and release infrastructure (Jenkins & Artifactory), ensuring developers were able to deploy with confidence and that features were shipped smoothly
- Integrated a Node.js continuous test reporting system into the SDK release infrastructure which enabled stakeholders to track emerging defect trends by SDK version (Allure)
- Lead development & collaborated cross-functionally to deliver a TypeScript CLI plugin management tool for an internal UX designer application
- Developed & maintained a CMake asset processing module for the SDK's build system which was responsible for performing platform dependent processing on all incoming application asset files
- Promoted a thorough unit-testing culture, participated in regular code reviews, and engaged in all sprint ceremonies

Irdeto (CloakWare)

May 2018 - August 2018

Software Developer (Internship / COOP)

Ottawa, ON

- Automated sections of product's Python setup & installation script resulting in increased usability for customers
- Implemented Python compilation configuration module for product enabling simpler compilation flag customization and increased logging capability

EDUCATION

B.S. Computer Science

September 2015 - May 2019

Carleton University

Ottawa, ON

PROJECTS

Gologger Go

github.com/anthonydroberts/gologger

Cross-platform productivity CLI tool that enables quick & easy logging for terminal commands

Moonwalker Node.js, Github Actions

github.com/anthonydroberts/moonwalker

Analyzes popular trading subreddits for trending stocks based on metrics like content sentiment & karma, and then emails a daily report