

Chad Coviell
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Ambitious professional with experience in **software engineering**. Looking to join a detail-oriented, quality driven team to further contribute to and learn. I excel on teams that emphasize communication, accountability, and individual empowerment.

EDUCATION

Dec 2018

Duke University, *Pratt School of Engineering and Computer Science*
Bachelor of science in *Electrical and Computer Engineering and Computer Science*

LANGUAGES AND TECHNOLOGIES

Java, JavaScript, Angular, Python, HTML/CSS, Bash, Groovy, Jenkins, Ansible, Git, UrbanCode Deploy, Eclipse, IntelliJ, Meteor, New Relic, MongoDB, MacOS, Windows, Linux

WORK EXPERIENCE

IBM, *Software Developer*

Mar 2019 - Present

- Extended the function of internal tools to transform the data from one project management tool to JIRA for our entire business unit by modifying Java and JavaScript based tools
- Increased availability of a React-based application used for re-validating users on a yearly basis so that international stakeholders had access to it by optimizing the JavaScript codebase
- Designed and developed a tool to automate maintenance window setup for our infrastructure monitoring alerts using python, New Relic and Jenkins
- Automated the end-to-end deployment to production of an application using UrbanCode Deploy, groovy scripting, and bash scripting
- Planned, documented, and currently leading the migration of my team's tools from onpremise infrastructure to IBM cloud
- Leveraged Ansible to automate the stop/start of our infrastructure monitoring agents and to collect and centralize the logs of one of our stakeholder applications

PROJECTS:

Production Lifecycle Manager (PLM), *Duke University*

Jan 2018 - May 2018

- Collaborated as a three-member team to develop a web application for food companies using the Meteor/MongoDB framework
- Programmed the backend system that consumes food ingredients and intermediate products in FIFO order
- Developed the backend APIs and schemas for the inventory, vendors, food recipes, orders and sales databases that managers and administrators can edit or view
- Provided a methodology for the company to monitor business logistics by developing the backend APIs and schemas for inventory freshness reports, sales and financial reports, and production lifetime reports