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Aumkar Prajapati

Skills

Java, Hibernate, Angular, Spring, AWS, Jenkins, Terraform, Chef, UNIX Shell Scripting, PostgreSQL, git
Python, HTML/CSS, SDLC models

Experience

May 2018 - Present

Full Stack Developer / DevOps Specialist, Indellient (ShuttleOps)

Java, Angular (Typescript), AngularJS, Spring, AWS, Jenkins, Grafana, PostgreSQL, Terraform, Chef, Influx, Habitat

- Implemented microservices in Spring to reduce server load, converting high traffic portions of the application in order to reduce server load and increase API response times
- Worked on ShuttleOps, an SaaS product using Spring, Angular 7 and JavaScript that builds, deploys and manages Habitat applications that resulted in faster deployments
- Developed and improved user onboarding flows to reduce onboarding times by 15+ mins
- Implemented Cypress E2E tests for login and wizard workflow, tested login security, log views and build status of applications resulting in a considerable reduction of errors being found during the PR process
- Created views in PostgreSQL in charge of user settings, user lists and organization data along with tables to allow the user to get a more granular control over their organization access.
- Improved developer productivity and reduced churn by building automated CI/CD Jenkins pipelines for internal and client use
- Implemented Terraform to deploy internally managed AWS resources for internal tooling (Jenkins, Vault, Chef Automate) with primary focus on setting up networking resources (ELBs, subnets, Route53s)
- Packaged New Relic, Sensu, ProGet, InfluxDB and Telegraf using Habitat to allow for easy deployment to our internal environments for monitoring resources

May 2017 - May 2018

Research Assistant / Full Stack Developer, Ryerson University (Supervisor: Jenn McArthur)

Python, Django, JavaScript, HTML, CSS, Bootstrap, PostgreSQL, MongoDB, AWS, GCP

- Worked with Revit and Dynamo to create a room data population script with data derived from a large dataset (stored in Excel), part of the Building Information Modeling (BIM) research process
- Created a web app through Heroku using Django to create dynamic charts based on calculations done with large datasets stored in a PostgreSQL database (formerly with Flask + Mongo)
- Ported MapleScript code over to Python to help speed up large dataset processing by refactoring large sets of code and implementing multithreading, saved 10+ hours of processing time
- Created a natural language detection script using a weighted dataset to determine core problem and provide suggestions according to user input (Ryerson Facilities Management)

May 2016 - Sep 2016

Software Developer, Joyride

HTML, CSS, C#, JavaScript, Python, ASP.NET Core, Azure

- Made use of various ASP.NET web services (WCF, ASP.NET Core 1.0), REST services w/front-end
- Also worked with Azure Cloud Services, SQL Databases, with back-end written in C#
- Connected back-end services to “in-house” device via DB services offered in Azure

Education

Sep 2013 - April 2018

Bachelors of Science (Honours) in Computer Science, Ryerson University

Focus towards Software Engineering and DevOps.