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Aumkar Prajapati

Skills & Interests

• **Experience with:** AWS, Jenkins, Terraform, Chef, Java, UNIX Shell Scripting, PostgreSQL, Python, Angular, git, HTML/CSS, SDLC models, Spring, AWS

• **Areas of Interest:** DevOps, Software Automation (CI/CD), Back-end programming, Web APIs, Windows or UNIX based systems, Software Design, 3D Printing, Computer Buidling, Agile Programming

Experience

Jul 2018 - Present

DevOps Specialist, Indellient
AWS, Habitat, Terraform, Jenkins, Chef, Grafana, Influx, Java, Angular (Typescript), Spring, PostgreSQL

• Currently working on a SaaS Web Application using Spring, Angular and JavaScript to build, manage and deploy Habitat packages to a variety of cloud environments
• Created Jenkins pipelines to fully automate the build / deployment of an application to an EC2 instance in order to simplify the process for a variety of clients
• Created Terraform to deploy various managed AWS resources for applications which enhances management capability and to speed up deployment process for standard uses
• Packaged a variety of open-source applications using Habitat to further automate deployment processes resulting in large reductions in deployment time across multiple clients

May 2018 - June 2018

Full Stack Developer, Indellient
Java, Spring, PostgreSQL, AngularJS
• Worked on the BlueRelay team to help add useful changes to expedite processing time of documents and emails as well as contribute towards larger upcoming features.

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
Worked towards a Bachelor of Science (Honours) in Computer Science. Focused towards Software Engineering.

Projects

• Most Valuable DJs Website (HTML5/CSS3): Worked towards client spec of a responsive entertainment oriented site. http://mostvaluabledjs.com
• Cashii ATM Project (Java / SparkJava / HTML): Worked on the back-end of Cashii ATM Project, created a RESTful API that the front-end communicated with. Scored 100% on this project.