

Akshay Verma

CONTACT

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EXPERIENCE

System Developer Amazon

August 2019-Present

- Currently working on migrating our software stack from EC2 instances to better utilize AWS serverless options
 - Utilizing best practises including Cloud Development Kit (CDK), secure VPC's and Lambda's
 - Working to better utilize AWS' offerings and documented best practices to improve resilience and runtime of our current scripts
- Created real time alerts for warehouse productivity, quality and safety using Python eg
 - Worked with multiple teams to combine their diverse data sources produce all the relevant information into a singularly digestible format
 - Created metrics to gauge the effectiveness of the alerts
- Built and optimized several web dashboards using Ruby on Rails and Javascript
 - A proxemics dashboard which helps warehouses monitor if employees are effectively social distancing
 - A health screening dashboard (www.cnbc...) to screen warehouse employees who display covid symptoms

April 2017-August 2019

Carteret, NJ

Program Developer

- Created Python, SQL and Excel based reports to provide management the metrics and insights to make decisions and deliver results, e.g.
 - Developed tools to automate repetitive processes, helping to free up time for management to focus on more value added tasks such as engaging with their employees
 - Wrote queries to dive deep into quality defects and optimize warehouse Resources to improve productivity.
 - Maintained the local redshift cluster
- Mentored and developed Data Analysts by teaching them skills like SQL and VBA, and helped them get promoted

Codecademy Advisor

March 2016-April 2017

Codecademy

Remote

- Provide coaching and advice to Codecademy's online learners
- Tutored learners in HTML/CSS, JavaScript, JQuery, Python, AngularJS, Git and BASH

EDUCATION

New York University

Masters in Progress, Urban Science and Applied Informatics

State University of New York, Binghamton

Bachelor of Arts, Mathematics with a Minor in Computer Science, December 2015

TECHNICAL SKILLS

Programming Languages: Python (proficient), JavaScript, Ruby(on the Ruby on Rails Framework)

Web Development: HTML, CSS, JQuery

Front-end Frameworks: Angular.JS, Bootstrap

Back-end: Rails, Node.js, Flask

Databases: Redshift, MySQL, Presto, Oracle SQL

Version Control Software: Git, GitHub

Testing Tools: RSpec, Karma, Jasmine

OTHER EDUCATION

High School: Shanghai American School Pudong Campus, IB Diploma

Hackathons: MHacks, HackBU

Other: Lived in five different countries- USA, India, Japan, Luxembourg and China

INTERESTS

Running (including marathons), Yoga, Reading, Meditation, Volunteer Work, Traveling, Teaching