Aoun Rizvi

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EDUCATION

Carleton University Ottawa, Canada	2008 – 2013
Systems and Computer Engineering	**Undergraduate**

University of Ottawa	Sept. 2015 – May 2017
Engineering Management (part-time)	**Masters**

WORK EXPERIENCE

Ciena   Ottawa, ON, Canada
Software + DevOps Engineer   **November 2022 – Present**

- DevOps
  - Continuously work with the architecture team to design a pipeline
  - Use Jenkins for setting up the pipeline
  - Integrate Sonar in repositories and designer build running on Jenkins
  - Integrate Black Duck in repositories and designer build running on Jenkins
  - Containerize applications
  - Create automation deployment solutions using Ansible
  - Develop a continuous deployment strategy which aligns with the org.
- Software Development
  - Front-End Angular App
    - Actively work and develop the app
    - Use PrimeNG
  - Back-End Java (Spring)
    - Actively work on tickets to develop the Java app
    - Use Hibernate to integrate with the PostgreSQL database

IBM   Ottawa, ON, Canada
DevOps Engineer   **January 2020 – November 2022**

- Jenkins Pipeline
  - Responsible for stability of the pipeline
  - Applied shift-left methodology to bring automation testing in PRs
  - Worked with QA team to modify automation strategy, in turn simplifying the pipeline
  - Branching during releases and supporting team during hot-fixes
  - Implement build and pipeline performance upgrades
  - Pipeline vulnerability and coverage scans
  - Applied solution to continuously deploy to dev/staging environments
- IBM Cloud
  - Worked with dev team to break down monolithic repo's into micro-services
  - Worked with team to containerize front-end apps to run in Kubernetes
  - Working closely with the SRE team to deploy services on IBM cloud
  - Ensuring sufficient logging and monitoring endpoints in services
  - On-call pager duties to ensure up-time in prod environment
- Exploration
  - Explore IBM cloud alternatives: Amazon (AWS)
  - Propose a solution application running in AWS using the AWS CDK

- Use AWS tools for error capture and monitoring running applications
- Explore solutions such as EKS to run Kubernetes in AWS

Software Developer   **May 2018 – January 2020**

- Worked on feature work on the front-end side
- Primarily developed code in vanilla JavaScript and ReactJS
- Focused on cross-platform web solutions
- Worked with Selenium based automation integration tests
- Part of an internal automation-guild to ensure test coverage and high product quality
- Worked closely with the Product Managers to hash out feature requirements

Cenx   Ottawa, ON, Canada
Software Support Engineer   **July 2017 – February 2018**

- Software Support
  - Support clients, as big as Verizon
  - Responding on calls and pagers
  - Responding to issues 24/7
  - Keeping system up and running at all times
- Scripting
  - Bash scripting is a major part of the job
  - Keeping all scripts up to date in an ever-changing environment
  - Ensuring all scripts meet coding standards
  - Ensuring all scripts are generic enough to be configured on any system
- Administrative Tasks
  - Keeping all support tickets up to date
  - Following up with client key stakeholders on a regular basis
  - Investing time to learn on upcoming products in the pipeline

Recognia   Ottawa, ON, Canada
Software Developer   **May 2013 – July 2017**
        Worked in key projects for Recognia to help clients in making smarter decisions when buying or selling stocks and options. Created back-end processing applications and front-end widgets to create full solutions for our clients.

- Participated in daily standups up update the team on progress
- Took part of bi-weekly Scrum meetings to help pick stories for the sprint
- Participated in retrospective meetings to identify sprint positive and negative aspects of the given sprint
- Developed new products for stocks and options to further expand the company's vision
- Performed key role to understand and maintain legacy products in Perl
- Deployed services on Wildfly
- Used Hibernate to access database from different services
- Deployed different services on Amazon Web Services (AWS) like EC2, S3, RDS
- Developed REST API to serve data to frontend
- Created front-end widgets in AngularJs /AngularJs 2
- Gained knowledge in HTML / CSS and JavaScript / TypeScript
- Working closely with the Project Management team to improve the front-end products to have keyboard accessibility

Reference Letter Available Upon Request