

Aks Amir Chunara

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SUMMARY

Recently Graduated Computer Science student with experience in software development. I am seeking a position that allows me to further develop my skills and knowledge while working alongside experienced team members. I am eager to leverage my prior project experience while gaining exposure to new technologies, particularly in the areas of Cloud Computing and Cybersecurity.

EXPERIENCE

Full stack Software Developer, Dash Hudson

August 2022 - December 2022, Halifax, NS

- Developed and maintained full-stack web and mobile application in a multi-service dockerized environment using vue.js, python flask, react native, pytest, jest, and AWS.
- Worked on bug fixes, implemented new features, and collaborated closely in a team of 7 to deliver improvements to the existing product.
- Integrated and troubleshooted third-party APIs (Facebook, Instagram, Twitter) to enhance social media management features.
- Executed SQL queries for debugging and testing database functionality, implemented Elasticsearch for data filtering, and investigated and resolved performance bottlenecks through loggers.
- Applied Kanban principles and utilized Shortcut, GitHub, and Datadog for streamlined development and application monitoring.

Associative Software Engineer, Introhive

January 2022 - April 2022, Fredericton, NB

- Developed and improved solutions to filter, cleanse, and process data according to business needs using Ruby on Rails.
- Wrote unit tests and staging tests in Ruby, conducted regression testing in Kubernetes clusters to automate unit testing and improve test coverage.
- Integration AWS S3 bucket for secure user uploads of Excel files, updating backend database relationship metrics, and optimizing data processing workflows.
- Utilized PostgreSQL server for creating and running multiple queries to refer and analyze company data.
- Worked using Agile methodology with daily stand-ups, weekly sprints, and biweekly demos.

Financial Solutions Developer, LED Roadway Lighting

May 2021 - September 2021, Halifax, NS

- Migrated company data from SharePoint On-Premises (local server) to SharePoint Online (cloud server), enhancing document accessibility and ensuring reliable backups.
- Automated and digitalized document approval process using Microsoft Power Automate and common data connectors.
- Created multiple complex queries and views using Microsoft SQL Server, employing advanced techniques such as rollups, cross joins, and pivots to reference multiple databases.
- Integrated ERP software and Excel with SQL database to automate generation of financial statements, significantly reducing the time required from 7 days to 2 hours.

PROJECTS

E-commerce Library Website: PHP, MySQL, AWS

July 2022

- Collaborated with a group of 3 to develop a library website, utilizing AWS services for hosting and operation.
- Deployed the website on an EC2 instance, incorporated image storage and retrieval through an S3 bucket, employed Cognito for user authentication, utilized RDS to host the MySQL server, leveraged SNS for notification delivery, and automated image resizing using Lambda functions.
- Implemented Apache and Unix-based hosting solution to optimize and automate website delivery. Employed intelligent server configuration to enhance performance and reliability, including automatic server restarts in the event of unexpected shutdowns.

Freelance Android App: Android Studio, Java, Firebase NoSQL

November 2021

- Worked in a group of 4, to apply the knowledge around Agile workflow and test-driven development.
- Built a peer-to-peer freelance job search Android app using Java, XML, G-Maps API, and Firebase.
- Applied 3 design patterns: abstract factory, adapter method, and observer pattern.

EDUCATION

Bachelor of Computer Science, Sexton Scholar, CGPA 4.03 / 4.3

Dalhousie University, Halifax, NS, August 2019 - May 2023

Certification in Communications Technology & Cyber Security

SKILLS

Programming: Python, Java, JavaScript, C, C++, PHP, Ruby

Development: HTML, CSS, Android Studio

Tools: AWS, GIT, Docker, JIRA, SQL, NPM, Firebase, REST APIs, Unix, Apache

Frameworks: Vue.js, React Native, Ruby on Rails

Testing: Junit, Pytest, Jest, Espresso, Selenium

Professional: Problem-solving, team player, customer service, independent, and organization skills