KHAZAR MAMMADLI

CONTACT

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SKILLS

Skill	Experience
C/C++/C#	4+ yrs
Java	3+ yrs
Python	4+ yrs
SQL	4+ yrs
Linux	3+ yrs
Html,CSS,Javascript	3+ yrs
Android Development	2+ yrs
Software Dev.	5+ yrs

WORK EXPERIENCE

Cloud Engineer   May 2023 - Currently
Tata Consultancy Services

- Leading the extraction, transformation, and loading (ETL) of a wide range of datasets from the company's various systems into Azure Data Lake storage using Azure Data Factory. Streamlining the process and continuously improving the accuracy of the data that is being ingested

- Utilizing Azure Databricks and Apache Spark to perform various transformations on the provided data and make it readily available according to the business requirements of the client. Designing and implementing of the various data validation checks in order to facilitate a high level of data integrity

- Tech Stack: Azure Data Factory, Azure Databricks, ADLS Gen 2, Apache Spark, Python, SQL

Software Engineer   Oct 2021 - Dec 2022
Cloudera

- Member of the Apache Kudu development team.

- Refactoring legacy code and maintaining the current codebase with Gerrit code reviews according to the Google C++ Style Guide.

- Analysis and patching of bugs reported by the end users in the integration and workflow of Kudu with the components of the Apache and Hadoop Ecosystems(Impala, Spark, HBase, HDFS, Ranger). Continuous application and software level testing in order to expose and handle any unchecked vulnerabilities, along with the addition of relevant code and documentation improvements requested by open-source contributors

- Implementing a Prometheus formatted metrics endpoint for Kudu, mapping said the cluster metrics with the Grafana visualization tool, and exposing dashboards to end users for easier digestion in Cloud Management services

- Providing direct Kudu Engineering support to end users experiencing issues with high business impact in their Private/ Public Cloud related to the Kudu Component

- Tech Stack: C++, Java, Linux, Docker, Jenkins, Prometheus, Grafana, Google Test Framework, Apache Kudu, Apache Ranger, Apache Impala, Gerrit

EDUCATION

CERTIFICATIONS

Junction X Budapest 2021

Community-choice Award
For designing and developing a demo interactive customer engagement app for Vodafone

Self-Learning Classes

PluralSight, Udemy, Coursera
These certificates include various modules such as C++, C#, Java, Javascript, SQL, Data Structures and Algorithms, Object Oriented Software Design and etc.

Software Engineer Intern
Cloudera

Feb 2021 - Jul 2021

- Software Engineer Intern in the developer team for Apache Kudu, an open-source distributed data storage engine.

- Research and generation of a detailed design for exposing REST API endpoints for Kudu.

- Implementation of the REST API with integrated Swagger Documentation in C++ with Oat++ framework.

- Unit and Integration Testing utilizing Google Test Framework.

- Code review and version control utilizing Gerrit and Git.

- Software development based on AGILE methodology.

- Tech Stack: C++, RPC API, RESTful API, Oat++, Apache Kudu, Kerberos, Google Test Framework, Jenkins, Jira, Gerrit Client-Server Architecture of secure/unsecured Kudu Clusters.

Software Development Intern
Nokia

Mar 2020 - Feb 2021

- Image creation and backup for 3G and 4G Hardware.

- Maintenance and trouble of the Network Elements running on the images.

- Automation of Network Element creation, deletion, safe shutdown, and rebooting with Python scripting.

- Test-Driven Development and Automation with Robot Framework.

- Tech Stack: Linux, Python, Docker, C++

Technical Support Analyst
DXC Technology

Nov 2018 - Dec 2019

- SPOC for IT support for several industry-leading companies such as Eli Lilly, Aptiv/Delphi, Avon, etc.

- Conduct troubleshooting to resolve IT-related and application issues across a multitude of businesses with a +1000 employee threshold.

- Administering Active Directory user group policies such as creating and managing end-user accounts.

- Logging, tracking, and distributing work by utilizing specialized ticket management services(Jira, ServiceDesk).

PROFESSIONAL SKILLS

- Solid understanding of Data Structures and Algorithms, Dynamic Programming, OOP principles and techniques, and hands-on experience in various programming languages (C, C++, C#, Java, and Python)

- Knowledge and experience in web back-end development using different technologies (Entity Framework, REST API, MVC, Java Spring)

- Strong relational database skills, experience with MSSQL, Oracle, MySQL, and PostgreSQL database management systems

- Comprehensive understanding of software integration and verification techniques such as CI/CD, unit, integration and performance testing (Google Test Framework, JUnit, pytest, Mockito)

- Experience with HTML/CSS, JavaScript and general knowledge of Angular and React frameworks

- Technical documentation, system analysis and design experience besides Agile methodology

- General knowledge and experience in Linux/Ubuntu operating system

- Hands-on experience with Java/Kotlin for developing Android applications in Android Studio

- General knowledge in Python programming. Automation with the utilization of Python and bash scripts.

- Have developed different desktop applications in Java (Swing, AWT) and C# (Windows Forms)