

ABDUSOLI ERGASHEV

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EXPERIENCE

EPAM Systems

Tashkent, Uzbekistan

Software Engineer

Nov 2021 – Aug 2023

- Designed and implemented scalable ETL pipelines using AWS EMR, Java, Spark and Airflow that processed over 10+ TB of data daily, achieving a 20% reduction in processing time
- Developed Spring Apache Kafka based Microservices to produce and consume inventory events from/to various systems
- Wrote Python scripts to automate the deletion of old files from AWS S3 storage, resulting in a reduction of 20TB of storage space and significant cost savings.
- Achieved 90% test coverage by writing over 1,500 high-quality unit and integration tests using JUnit 5 and Mockito
- Reviewed 2–5 pull requests per week using Google's code review best practices

Level Up Solutions

Tashkent, Uzbekistan

Software Engineer

Mar 2021 – Oct 2021

- Spearheaded the migration of a legacy Java 7 codebase to Java 11, resulting in a 10% reduction in overall codebase size and improved development efficiency.
- Developed API by integrating with third party Payment Platform in Spring Boot for a promotion service which was used by 10K users within 2 months. Integrated Swagger UI and wrote integration tests along with REST document
- Participated in Daily Standups, Sprint Planning, Bug Triage, Sprint Review and Retrospective meetings
- Created a microservices-based architecture with Java(Spring Boot), Docker and PostgreSQL for an online education platform that served 50K daily users

JCS Xalq Bank

Tashkent, Uzbekistan

Software Engineer

July 2019 – Mar 2021

- Leveraged Jenkins to automate the CI/CD pipeline, resulting in an 80% reduction in deployment time and configured a Grafana dashboard to monitor metrics
- Reduced API service downtime by 60% by integrating Sentry and a Telegram bot for error notifications
- Developed and implemented a bonus system for bank employees using Java and Oracle, which resulted in a 10% increase in overall client satisfaction and a 7% rise in the bank's profits.

Junior Software Engineer | Level Up Solutions

Sep 2018 – June 2019

- Developed a web interface for internal use to automate document preparation, resulting in a 50% increase in process efficiency. Utilized technologies such as Java, ReactJS, MongoDB and Docker

EDUCATION

The University of Tulsa

Tulsa, OK, USA

Masters in Computer Science (GPA: 3.6)

Aug 2022 - May 2024

Coursework: Data Structures and Algorithms, Distributed Systems, System Security & Cryptography

Inha University in Tashkent

Sep 2015 – May 2019

Bachelor of Science in Computer Science

AWARDS

- 3rd place winner among 250 students in the 2019 Inha University Autonomous Car competition, where I utilized Raspberry Pi microcontroller and OpenCV library in C++ to detect traffic signs and obstacles
- Ranked 9th place in the Regional ICPC Uzbekistan Competitive Programming Championship (2019)

SKILLS

- **Languages:** Java(Spring Boot), Python, C++, SQL
- **Technologies:** Docker, AWS (DynamoDB, Glue, S3, EMR, Lambda, Athena), Azure, Git, Kafka, Apache Spark, Apache Hadoop, Airflow, REST API, MySQL, Oracle, Agile (Jira), Redis