



RUSTAM KARIMOV

SOFTWARE ENGINEER

CONTACT

- +48 573 456 169
- karimov.rustam.live@gmail.com
- www.learnwithrustam.com/about
- Wroclaw, Poland

SKILLS

Programming & Development: Python, Java, JavaScript, API Design, Big Data Processing, Linux

DevOps & Infrastructure: Git, JIRA, Containerization (Docker, Kubernetes), CI/CD

Cloud Technologies: Azure

Methodologies & Practices: Agile

Database Management: SQL, MongoDB, DBX

EDUCATION

Engineering Degree
Computer Science -
Software Engineering

2022 - 2025, Wroclaw, PL
 Wroclawska Akademia Biznesu

Bachelor Degree
Commerce - Marketing

2010 - 2014, Baku, AZ
 Azerbaijan State Economic University

LANGUAGES

- Azerbaijani
- English
- Russian
- Turkish

PROFILE SUMMARY

Software Engineer with 5+ years of experience, including 2 years as a System Administrator and 3+ years as a Python Software Engineer. Skilled in backend development, big data workflows, API creation, and both synchronous and asynchronous integration. Proficient in DevOps practices, CI/CD pipelines, and containerization. Experienced in Agile environments and dedicated to mentoring colleagues and delivering innovative, efficient solutions, particularly in the transportation sector.

WORK EXPERIENCE

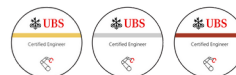
Software Engineer - Rank AO

UBS BS 2022.05 - Present
 full-time/hybrid
 Wroclaw, PL

- Work with big data to process and analyze large datasets efficiently.
- Optimize code for performance and readability, emphasizing clean code principles.
- Review code submissions from team members to ensure quality
- Validate data integrity to prevent breaches of defined thresholds and ensure accuracy.
- Utilize Python for scripting and development tasks, leveraging its capabilities in data manipulation and analysis.
- Generate reports using Jinja templates to present analyzed data in a clear and structured format.
- Designing scalable, secure, and efficient APIs, with a focus on microservices architecture, authentication protocols like OAuth 2.0, and optimized endpoint design. Using API documentation tools like Swagger/OpenAPI to create clear and comprehensive API documentation, ensuring seamless integration and easy adoption by developers.
- Provide technical documentation and knowledge sharing sessions to facilitate team learning and growth.

Milestones within UBS:

- Certified Engineer - Gold Rank
- Candidate Data Engineer
- Personal project - "HTML Pipe", "Report Engine"



Cyber Security Consultant/Software Engineer - Intern

EY 2022.01 - 2022.03
 full-time/remote
 Wroclaw, PL

- Assist in conducting security assessments and audits of software systems and networks.
- Learn and apply principles of secure coding and best practices in software development.
- Participate in vulnerability scanning and penetration testing activities under supervision.
- Contribute to the design and implementation of security solutions for applications and infrastructure.
- Gain hands-on experience with security tools and technologies such as firewalls, IDS/IPS, and SIEM systems.

EXPERTISE

- **Big Data Processing:** Handle and process large datasets efficiently, utilizing big data tools (e.g. pyspark) and technologies
- **Code Optimization:** Optimize code for performance and readability, ensuring clean and maintainable code (algorithm knowledge).
- **Code Reviews:** Review code submissions from team members to maintain high quality and adherence to standards (on GitLab).
- **Data Validation:** Validate data integrity to ensure it meets specified thresholds and accuracy standards.
- **Python Development:** Utilize Python for scripting and development tasks, with a focus on asynchronous programming using frameworks such as asyncio and FastAPI.
- **Docker:** I have hands-on experience with Docker, deploying containerized REST API application using custom pipelines by creating and managing a GitLab repository. Additionally, I've worked with Kubernetes clusters, leveraging Helm for application management and scaling.
- **Report Generation:** Create and manage reports using Jinja templates for clear and structured data presentation.
- **Endpoint Development:** Develop and integrate endpoints into the mainframe orchestration for seamless data flow.
- **Collaboration:** Work closely with cross-functional teams to design and implement effective data processing solutions, utilizing Agile and Scrum methodologies to ensure iterative progress and continuous improvement.
- **Best Practices Implementation:** Implement best practices in data handling, storage, and security.
- **Documentation:** Provide technical documentation and facilitate knowledge sharing sessions.
- **Certification and Continuous Learning:** Certified Engineer, ongoing learning of new tools and technologies.
- **Global Hackathon Participant:** Competed in international coding competitions, demonstrating problem-solving skills and the ability to work under pressure
- **Mentoring:** I have experience mentoring junior developers and leading small team (*Report Engine team*). I provide hands-on support and feedback to help them grow their skills and navigate challenges effectively.

IT Specialist/ICT Instructor/IGCSE

SABIS SUN International School
full-time/on-site
Baku, AZ

2018.09 - 2021.09

- Deliver comprehensive IT support to faculty, staff, and students in an international school environment.
- Manage and maintain computer labs, ensuring hardware and software functionality meets educational needs.
- Develop and implement ICT curriculum aligned with IGCSE standards, integrating technology into various subjects.
- Conduct hands-on training sessions for students and teachers on software applications, digital tools, and internet safety.
- Support the administration and monitoring of online learning platforms and educational technology tools.
- Collaborate with teachers to design and implement technology-enhanced lesson plans and projects.
- Assist in organizing and participating in ICT-related events, workshops, and extracurricular activities.

Network/system administrator

Baku-Oxford School in Shamkir
full-time/on-site
Shamkir, AZ

2016.07 - 2018.08

- Manage and administer the school's network infrastructure, including LAN, WAN, WLAN, and internet connectivity.
- Ensure network security through implementation of firewalls, VPNs, and access control policies.
- Monitor network performance and troubleshoot network issues to ensure minimal downtime.
- Implement and maintain Active Directory services, user accounts, and group policies.
- Manage and support network devices such as switches, routers, and wireless access points.
- Conduct regular backups and ensure data integrity and disaster recovery readiness.
- Provide technical support and troubleshooting for hardware, software, and network-related issues.
- Deploy and maintain endpoint security solutions, including antivirus software and endpoint encryption.

Projects

P1. Personal Website (beta) - <https://learnwithrustam.com/>

Developed a comprehensive personal website to conduct online lessons and tutorials, showcasing both frontend and backend skills. For the frontend, I utilized React and Tailwind CSS to create a responsive and modern user interface. On the backend, I used Next.js for routing, MongoDB for data storage, and implemented features such as user authentication and sign-in pages to manage user sessions effectively.

