Elbakyan Shirak

Contacts

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Sertificates

Linux Professional Institute - Linux Essentials

Tools and Technologies

Linux	Nginx
Docker	Git
Bash	Python
C	GNU Make
dpkg	rpm
Nexus	AWS EC2
GitHub Actions	

Education

MOSCOW STATE UNIVERSITY OF CIVIL ENGINEERING

Information Systems and Technologies
Bachelor's Degree

Books

Groking Algorithms
CODE: The Secret Language of Computer Science
UNIX Operating System

Skills

- C/C++, Python, knowledge of basic algorithms and data structures
- Proficiency in Git, GitHub Actions, Docker, and scripting with Bash
- Understanding of operating system internals, proficient in Linux (Fedora 38 as a desktop OS), and confident in terminal usage
- Hardware knowledge in information systems: assembling computers, configuring work environments, networks, and office equipment
- Familiarity with networking, OSI model, tcp/ip, and http
- Experience with makefile, .spec-files for packaging products with a microservice architecture
- English language proficiency at a B2 level
- Disciplined: capable of estimating work efforts, time management, and maintaining productivity
- Self-learner: adept at self-directed learning
- Excellent interpersonal skills, ability to build long-term relationships. I have even traveled by hitchhiking :)

Experience

I have worked extensively on the packaging and distribution of a product with a microservices architecture, utilizing .deb and .rpm formats. This involved deployment on various hardware architectures (x86_64, aarch64) and different versions of GNU/Linux operating systems. I employed GitHub Actions as a Continuous Integration (CI) tool and utilized the Nexus repository manager and Bugzilla for project management. Additionally, I leveraged Docker for containerization and automated build processes through Bash scripting. I am well-versed in the Gitflow workflow methodology. Currently, I am actively expanding my knowledge by exploring cloud provider services, such as AWS EC2, and have a keen interest in Kubernetes (k8s).

During my university studies, I acquired a strong foundation in computer science through coursework encompassing networks, computer architecture, programming, databases, operating systems, systems administration, computational methods in information systems, computer information systems, and information security, among other subjects. Notably, I engaged in captivating courses related to process optimization, decision-making, and systems engineering. Throughout my academic journey, I solved problems using languages like C, C++, and SQL, and I created IDEF and UML diagrams. In my final thesis, I designed a comprehensive solution for automating logistics subsystem tasks within a major construction organization's Automated Control System.