(+8210) 2189-2209

notedmail@gmail.com   https://www.linkedin.com/in/lialeksei/

Aleksei Li

Objective:

Telecom/ IT / Web Development /DevOps Expertise

SKILLS (**Summary of Qualifications**):

Experienced engineer in Telecom, IT and process control area systems with a strong track record of success in the oil and gas industry.

Proven ability to lead and supervise site activities, including installation, commissioning, and Site Acceptance Testing (SAT).

Strong experience in developing efficient and compliant telecommunications systems and preparing comprehensive project documentation.

In-depth knowledge and experience in Telecom, IT, app development, and DevOps.

Telecommunication system:

Cisco Certified Network Associate (CCNA) specialist with in-depth knowledge of network technologies and protocols

Cisco Network Hardware : Experienced in configuring, troubleshooting, and managing Cisco routers, switches, and firewalls to ensure secure and efficient data transmission.

LAN/WAN Topology : Skilled in designing and deploying scalable network architectures, ensuring high availability and minimal latency for both local and wide-area networks.

Telecom Technologies : Deep understanding of telecom subsystems, including voice-over-IP (VoIP), MPLS, and wireless communication technologies, enabling end-to-end connectivity solutions.

Process control (experienced in development of different elements of SCADA):

Experienced in the research, design, and development of Process Control Systems (PCS), including technology evaluation, equipment selection, sensor integration, and technical task preparation.

Proficient in PLC programming, debugging, and SCADA HMI programming (Trace Mode), with expertise in Schneider Electric systems.

(Key Projects: 1.Developed an automated test bench for locomotive compressors, including PLC logic for the automatic compressor test system. 2.Designed and implemented a hospital water supply system using Mitsubishi PLC.)

Web Development, Programming, and Scripting:

Proficient in frontend technologies (HTML, CSS, JavaScript) and frameworks (React, Vue.js).

Skilled in backend technologies (Node.js, Express.js, Django) and API integration (RESTful, GraphQL).

Experienced with relational (MySQL, PostgreSQL) and non-relational (MongoDB) databases.

Blockchain Development:Smart contract development and deployment using Solidity.

Creation and management of custom tokens (ERC-20, ERC-721).

Building Web3 interfaces to interact with blockchain networks using frameworks like Web3.js, Ethers.js, and IPFS for decentralized storage solutions.

Proficient in C, C++, JavaScript, Python, Bash scripting, and Delphi (university experience).

DevOps:

Expertise in managing Linux/Unix server operating systems.

Experienced in automating administrative tasks, system monitoring, and network security setup.

Knowledgeable in containerization (Docker, Kubernetes) and CI/CD tools (Jenkins, GitLab CI/CD, GitHub Actions).

Knowledgeable in Infrastructure as Code (Terraform, Ansible).

Knowledgeable in AWS and Google Cloud Platform for application deployment and scaling.

EXPERIENCE

Company Name: *-(no company) freelancer*

Job Title — freelancer **01.2018 - till now**

IT / Web Development /DevOps Expertise

- **Technical Support and Troubleshooting**:Provided expert assistance with hardware and software issues, ensuring optimal system performance.
- **WebApp/Website Development and Deployment**:Designed, developed, and deployed websites and blogs with a focus on modern web technologies and responsive design.
- **Blockchain Integration, Tokenization, and Web3 Development**:Developed decentralized applications (dApps) on Ethereum, Binance Smart Chain, and other blockchain platforms. Designed, deployed, and audited smart contracts using Solidity for secure and efficient blockchain operations. Created and managed custom tokens (ERC-20, ERC-721) for various blockchain-based projects. Built Web3 interfaces to enable seamless interaction with blockchain networks, utilizing tools like Web3.js and Ethers.js.

Accomplishments:

- portfolio at https://techdevops.notion.site/Portfolio-88cb3dac48d54b319e1a0cea49c864ed

Company Name: *Schneider -Electric, (Telvent)-project contractor of CPC (Caspian – Pipeline Consortiums Expansion Project),*

Job Title — Authorship Supervisor on Site **08.2013-01.2018**

Responsibilities:

- Supervise the construction and commissioning of SCADA Network, SCADA Network Security, and Network Management System, as well as other telecom subsystems such as OTN, PABX, Microwave Radios, and SCS.

- Oversee the installation and configuration of all telecom equipment, ensuring that it is done according to the specifications and standards.
- Coordinate with the vendor and contractor to resolve any issues that arise during the construction and commissioning process.
- Monitor and track the progress of the project, and provide regular updates to the project manager.
- Ensure that all documentation related to the project, including as-built drawings, commissioning reports, and test results, is properly maintained and updated.

   Accomplishments:

- Successfully constructed and commissioned the SCADA Network, SCADA Network Security, and Network Management System, as well as other telecom subsystems, within the specified timeline and budget.

Company Name: *SWIFT Technical (Russia) Limited, Fircroft Engineering Services Limited (Telecom contractor of Exxon Neftegas Limited), Sakhalin 1 project.   Job location: Export Oil Terminal (De-Kastri),*

Job Title: IT system analyst **08.2011 - 06.2013**

Responsibilities:

- Provide technical support for the telecommunications and IT systems used in the oil and gas industry.
- Analyze, troubleshoot and resolve technical issues related to the telecom and IT systems, ensuring that the systems are functioning optimally.
- Install, configure and maintain telecom and IT systems, including hardware and software components.
- Monitor and evaluate the performance of the telecom and IT systems, identifying and implementing solutions to improve performance.
- Develop and implement backup and disaster recovery plans for the telecom and IT systems, ensuring that the systems are protected against potential risks and failures.
- Collaborate with other technical teams, such as network and security teams, to ensure that the telecom and IT systems are integrated and aligned with the overall IT infrastructure.
- Provide training and support to end-users, ensuring that they are able to use the telecom and IT systems effectively.

   Accomplishments:

- Reduced downtime and resolved technical issues quickly, improving customer satisfaction and reducing the impact on business operations.

Company Name: *Kriljon Service (Telecom support contractor of Sakhalin Energy Investment Company), Sakhalin 2 project.*

Job Title: Site reliability engineer at Offshore (Lunskoye platform LUN-A) **07.2006 - 08.2011**

- Provide technical support and maintenance for the telecommunications systems used in offshore oil platforms, including the Cisco Backbone network, IPX Neax 2000 PBX, CCTV system, trunk radio system "Tetra", PAGA system, GMDSS equipment, satellite communication system, meteorological system, intercom system, and structural cabling system.

- Monitor the performance of the telecommunications systems and identify potential issues, taking appropriate action to resolve them in a timely manner.
- Perform software and firmware updates, as well as hardware maintenance, on the telecommunications systems, ensuring that they are operating optimally.
- Ensure that the telecommunications systems are configured in compliance with industry standards and regulations, such as GMDSS (Global Maritime Distress and Safety System) requirements.
- Collaborate with other technical teams, such as network and security teams, to ensure that the telecommunications systems are integrated and aligned with the overall IT infrastructure.
- Develop and implement backup and disaster recovery plans for the telecommunications systems, ensuring that they are protected against potential risks and failures.
- Provide training and support to end-users, ensuring that they are able to use the telecommunications systems effectively.

Accomplishments:

- Resolved technical issues quickly and effectively, reducing downtime and improving customer satisfaction.

Company Name: *Special Communication of the Federal Guard Service, government agency.*

Job Title: communications officer

06.2000 - 06.2006

Responsibilities:

- Provide support and maintenance of telecommunication systems: relay-type stations, SDH/PDH equipment, encrypting equipment, SKS, and PBX.
- Perform software and hardware upgrades, troubleshoot technical issues, and ensure compliance with industry standards and regulations.
- Resolving technical issues.
- Monitor the performance of the systems, identify potential issues, and implement preventative measures.

EDUCATION

Cisco Network Academy CCNA (R&S) certificate CSCO12345202
Apr 29, 2013

Far East State technical university (diploma, specialization: systems engineer)
Jul, 2002 - Jul, 2005, Khabarovsk city.

Military Institute of Government communication (diploma, specialization: telecommunications engineer) Jul, 1995 - Jul, 2000, Orel city.

https://www.linkedin.com/in/lialeksei/