MAKSIM YU.SEMENOV

ENGINEER
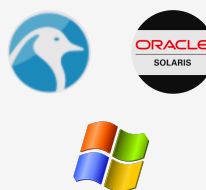
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Profile

Engage and deploy projects within short times and budgets. Progressively reconceptualize multifunctional "outside the box" thinking through inexpensive methods of empowerment. Deliver bricks-and-clicks strategic theme areas as well as scalable benefits.

Skills

Web Design

DevOps

Project Management

Proven ability to lead and manage a wide variety of design and development projects in team and independent situations.

Technical

HTML, CSS, JS, TS	Python	Linux, Windows [Azure]
PHP, SQL	C++, C, Qt	VPN, Clouds
Inkscape, Blender, GIMP	PX4, MavLink, QGCS	Polygon, D-Link, 3-Com
WSH, VBScript	Git	Cisco, Juniper, Huawei
DNS, DHCP, FTP, HTTP		MikroTik, Synology

Experience

CJSC "Intertrust Company"

Software Engineer   INTERTRUST   2023->

1. Fixing errors in the existing code, adding new functionality. The layout is mobile and desktop.

2. Creating a mechanism for updating a Web application on a client device. Exploring the Angular PWA approach and the service of the workers.

3. PDF rendering.

4. Adding forms with a complex overall cross-reference logic.

Maintenance of the WebDocs cross-platform interface documentation support systems (LMS).

LLC "Integrated Diagnostic Systems and Software Complexes"

Software Engineer   2021->

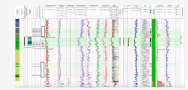1. Modules for editing system entities, such as users, roles, deposits, wells, components, tools, ...

2. PostgreSQL, Websocket'ы

3. IndexDB, FileSystem, other browser APIs...

Development of the interface part of the cloud oil and gas logging system.

LLC "VARK"
Software Engineer
2018-2020

1. Frontend, Angular

- Development of the interface for the telemetry subsystem
- Creating a preflight check subsystem
- Connecting and configuring game controllers
- Development of payload configuration and management components
- Development of other components of the system ...

Development of subsystems of the interface part of the UAV control system (Ground Control System) and a cloud system for creating flight tasks, storing and analyzing flight data.

"RAZUM" Construction Bureau-Laboratory
Head, Chief designer
2008-2017

1. Design

2. Small-scale production

3. Staff Training, including

- Implementing a Data Warehouse with Microsoft SQL Server
- Installation, Storage, and Compute with Windows Server

Computer aided design (2D, 3D, circuit design), household automation (IoT). Prepare input files for CNC machines. 3D modelling of buildings, offices and appartments. Computer networks design and implementation. IT consulting, WEB-design. Unmanned advertising blimps prodution.
The Bureau works closely with educational institutions and helps to prepare employees and students for solving of technical tasks. Is a regional strategic pillar of international social movement Initiative 2045 and takes part in organization and holding of scientific-popular lectures devoted to robotics and nbics technologies. Our employees are recognized for their contribution to the economic development of the region, WorldSkills championship. Repeatedly became winners of competitions of innovative forums Seliger, Ivolga, Engineers of the Future.

Huawei Technologies Co., Ltd.
Network Management System Engineer
2006-2008

Participated in deployment of TransTeleCom international and long-distance call. Was responsible for Network Management System. The following stages formed my workflow from montage and software installation till acceptance tests:

1. IP-addresses planning

2. Transport protocols definition

3. Software installation

4. Software configuration

5. Software installation and configuration quality check

6. Correction of located shortcomings

7. Commission

Among the managed network equipment were varieties of Huawei and other vendors' active network equipment — softswitches, telephone stations, gateways, switches together with session border controllers, billing servers and so on. Able to install and setup all network elements in the sphere of interaction with network management system. Understanding of roles and ways of interaction of different parts of the whole telecom system from session establishing till disconnection and tariffication.Kept project documentation related to my responsibility zone through all project stages including technical specifications. Wrote of

technical cases for TransTeleCom maintenance department. Worked out the behavior in emergency cases, backup and restore policy, periodic maintenance regulations. Negotiated work schedule.

OJSC "BashComSnabBank"

2004-2005

Senior Network Administrator

Progressively implemented new systems and technologies to keep corporate IT services at high performance level to satisfy bank clients and personnel. Took part in adoption of Automated Bank System "Gefest" and adopted Money Transfer System "Contact".

Republic Bashkortostan Supreme Arbitration Court

2002-2004

Head of the IT Department

Ensured the reliability and optimal performance of the network. Brilliantly realized throughout the organization client-server technology. Introduced new approaches and techniques in technical support

Own projects

Handcrafting: netting (string bags)

Education

World Wide Famous Ufa State Aviation Technical University — Ufa, Bashkortostan, Russia

Engineer, Programming of computers and robots

Russian Academy of Justice — Moscow, Russia

Extension courses for IT departments chiefs

Internet University of Information Technologies

Computation and Cluster System

Fundamentals of Parallel Computing

Introduction to parallel algorithms

Parallel Programming with OpenMP

The Basics of Parallel Programming Using MPI

Parallel programming using MPI Technologies

Parallel Programming Using OpenMP

Solaris administration

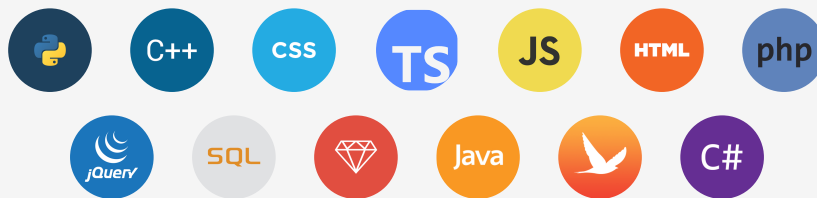## R-Style Educational Centre — Moscow, Russia

Protection of computer systems and networks based on Dr.Web antiviral solution

Specialist, Windows file-servers Dr.Web antiviral protection, "Dr.Web Enterprise Suite" administration

Sololearn Portal

All diplomas and certificates