Cristian Seceleanu, Senior Programmer

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PROFILE

As an experienced Infrastructure Architect with a track record of fortifying infrastructure for enhanced resilience, security, and scalability, I have led initiatives at various organizations, including World Host Group, Oracle, and Godaddy. My expertise includes collaborating on projects to stabilize platforms, migrating virtualization platforms, and managing team training and involvement. I excel in implementing automation, configuration management, and monitoring to ensure quality of service and customer satisfaction. With a background in managing internal and customer infrastructure for a growing number of clients, I bring extensive experience in designing infrastructure, virtualisation platforms, failover solutions and high availability, big data infrastructure as well as custom server setups and hosting services. My skills include infrastructure improvement, cloud transition and migration, and project leadership. My CV has been described as being "all over the place" given the various fields I explored throughout my career and my answer to that has always been – I just like IT.

EMPLOYMENT HISTORY

Mar, 2025 - Present

Senior Programmer, New Era Technology   Slough, England (remote)

- Manage resources in public cloud (AWS, Azure, GCP) and on-prem environments
- Deployment of new Proxmox platform and migrations from VMWare to Proxmox
- Working with and improving automation, change management and patch management tooling and processes
- DC work when/as needed (retiring old kit, provisioning new kit, etc)
- Improving the monitoring platform
- all of the above in context of supporting the Video Conferencing platform

Jun, 2024 - Nov, 2024

Infrastructure Architect,World Host Group   Reading, England (remote)

- Lead infrastructure improvement initiatives to enhance resilience, security, scalability, and performance
- Collaborate on projects to stabilize ceph platform, migrate VMWare to Proxmox, and enhance global DNS platform
- Enhance core internal VM provisioning system and improve existing solutions
- Employ automation, configuration management, and monitoring to ensure quality of service and customer satisfaction

- Promoted to Platform Development Lead in 3 months

Oct, 2021 - Jun, 2024

Senior Principal Security Analyst, Oracle   Reading, England

- Facilitated transition to cloud (OCI) for multiple workloads
- Provided technical expertise on new projects
- Conducted security assessments and research
- Assisted in software assurance projects
- Mentored junior colleagues in IT security

Jul, 2017 - Sep, 2021

Senior Systems Architect, Godaddy   Slough, England

- Redesigned complex shared hosting platform to use high performance distributed storage (ceph)
- Led migration of virtualization platform from XEN to KVM, densifying by 50%
- Improved shared hosting platform to use 25% less energy and handle more customer workloads
- Introduced multiple layers of High Availability to infrastructure
- Managed team training and involvement in various projects
- Constantly improved skills and team, explored new ideas, and improved

hosting services

- Managed order of tens of thousands of machines (physical and virtual) across a number of datacenters in UK and EU
- Assisted with complex storage solutions, a wide variety of file systems, and various operating systems
- Handled highly available setups, load balancers, and virtualized environments
- Managed networking on Juniper & Cisco equipment and virtual routers
- Oversaw provisioning, custom image building, and configuration management
- Implemented software as a service, infrastructure as code and patch mgmt
- Received training for AWS and involved in recruitment process
- Prepared documentation for various processes, platforms, and services
- Involved in projects related to clusters, distributed storage, migrations and cybersecurity (pen testing, vulnerability management)
- Redesigned and improved existing platforms, working towards migrations to a common platform

Sep, 2013 - Jul, 2017 **Project Manager / Software Architect, BluePink** Constanta, Romania
Software SRL

- Designed and built online applications and databases using Perl, PHP, MySQL and Bootstrap (bespoke frameworks)
- Coordinated a team of specialists, including software developers, web developers and web designers
- Team leadership, agile methodologies, software architecture, infrastructure design and continuous integration
- Utilized CI/CD (Jenkins), virtualization (KVM and Docker containers), configuration management (Puppet), and various programming languages
- Accomplished designing and building various online solutions, including an app framework, reservation system (travel), web hosting panel, job portal, and HR management solution

- Led the development of software projects, ensuring adherence to timelines and budget constraints
- Collaborated with clients to gather and analyze requirements for custom software solutions
- Managed a team of developers, providing guidance and support to ensure successful project completion
- Oversaw the architecture and design of software systems, optimizing for performance and scalability
- Acted as the primary point of contact for clients, ensuring effective communication and client satisfaction

Jan, 2007 - Jul, 2017 **Systems Administrator, Self Employed(2007) → Bluepink Software**
SRL(2013)

- Managed internal and customer infrastructure for a growing number of clients, expanding to over 150 servers and VMs in two datacenters, and established BluePink Software in 2013
- Designed small datacenters, failover solutions, big data infrastructures, and custom server setups, including PCI-DSS compliant redundant infrastructure and secure encrypted storage solutions
- Documented solutions for large customers, assisted in PCI-DSS certification, and implemented configuration management and automation for highly available services
- Acted as the final escalation point for team and customers, working with a technology stack including virtualization, configuration management, networking, scripting, version control, monitoring, and various hosting solutions

- Managed server configurations, ensuring optimal performance and security.
- Implemented backup and disaster recovery solutions for data protection.
- Conducted system updates and maintenance to keep systems running smoothly.
- Provided technical support and troubleshooting for hardware and software issues.

- Collaborated with stakeholders to identify and address system improvement opportunities.

| Jan, 2003 - Jan, 2007 | **Systems Administrator, Top Labs** | Constanta, Romania |

- Monitor system status and optimize performance
- Install, configure, and integrate new equipment and services for the hosting platform
- Design and implement backend scripts, APIs, and the entire hosting platform
- Reverse proxy implementation resulting in hosting 3 times more websites
- Customized cPanel installation, integration with xpanel, and migration to a custom hosting panel
- Configured the datacenter from zero and migrated services to a new datacenter
- Developed backend services and integrated them into the custom hosting panel
- Exposure to standard hosting provider tech stack and overcoming hardware limitations with reverse proxy cache server
- Migrated services from US datacenter to the Romania datacenter

| Jan, 2002 - Jan, 2003 | **Project Manager, Ideeas** | Constanta, Romania |

- Led a team of 10 technical professionals to develop online projects aimed at aiding website registration and improving organic search rankings
- Built the infrastructure for running projects built using Java, Visual Basic, PHP, HTML, and MySQL
- Oversaw the creation of tools for SEO and website registration
- Managed the coordination and execution of multiple online projects
- Utilized Java, Visual Basic, PHP, HTML, and MySQL for project development

| Jan, 2001 - Jan, 2002 | **Tech Support, SC RCS&RDS SA** | *Constanta, Romania* |

- Provided level 1 tech support to customers
- Assisted field teams in identifying and troubleshooting network problems
- Managed networking gear, including Cisco equipment, CATV networks, and broadband routers
- Gained valuable experience in Linux, networking, routing, customer support
- Acquired knowledge in monitoring tools such as Nagios and SNMP

| Jan, 2000 - Dec, 2001 | **Systems Administrator, Lei Co Ltd** | Constanta, Romania |

- Managed a network of 10 workstations and 2 servers
- Installed, configured, and optimized workstations for an internet cafe
- Maintained server updates and network infrastructure (cabling & switches)
- Seized opportunity to expand knowledge in computers, networking, and software development due to expensive Internet connection

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EDUCATION & CERTIFICATIONS

Oct, 2021 - Oct, 2023	**Master's in Data Science and Advanced Computing, University of Reading**	Reading, England
Oct, 2000 - Oct, 2004	**Faculty of Mathematics and Informatics, Ovidius University**	Constanta, Romania
Sep 1996 - Jun, 2000	**International Computer Highschool of Constanta**	Constanta, Romania
Dec, 2020 – Dec, 2025	**LPIC-3**	
Feb, 2022 - Apr, 2026	**Oracle Cloud Infrastructure Certified Architect Professional**	
Sep 2023	**BruCON - Abilities Driven Red Teaming**	
2013	**CCNA & CCNP (expired)**	

SKILLS	Infrastructure Improvement	*Expert*	Monitoring	*Expert*
	Cloud transition	*Expert*	Infrastructure architecture	*Expert*
	Project leadership	*Expert*	Datacenter design	*Expert*
	Automation	*Expert*	High availability services	*Expert*
	Configuration management	*Expert*	Team Leadership	*Expert*
	Virtualisation	*Expert*	Linux	*Expert*