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Senior Software Engineer | Backend Developer | Technical Team Lead

Backend/Full Stack: Go, C++, Java, C#, Python, bash. Kubernetes, Docker, SQL/PostgreSQL, REST api, redis, camunda, mongoDB
RT/Embedded: C/C++, VxWorks, embedded Linux, Kernel modules/drivers,
Networking/Cyber network protocols / debugging of networking problems, complex build processes, CI/CD pipelines, network management.

Professional experience

2024 - Dec 2026 **Atrinet** Hod Hasharon, Israel
* Led a team of four developers in designing and implementing a microservice-based activation system for mobile subscriptions, active hands-on development.
* Delivered a production system deployed at three major telecommunications providers across three countries.
* Hands-on development using Go, Kubernetes and Docker.
* Established and maintained CI/CD pipelines for automated builds and testing.

Dec 2022 - Dec 2023 **Blazemeter/Perforce** Tel Aviv, Israel
* Development and maintenance of microservices for a distributed, cloud-based continuous load-testing platform.

Dec 2021 - Nov 2022 **Traiana/CME Group** Tel Aviv, Israel
* Lead developer for an authentication and authorization service
* Development and maintenance of Java and Scala microservices within the foundation services team.
* laid-off due to company relocation.

2020 - Nov 2021 **Red Hat** Ra'anana, Israel (**golang**)
* Development of Kubernetes Operators integrated into the OpenShift control plane.
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2018 - 2019 **Amazon**, Lab126, vision research group Tel Aviv, Israel **(C++, Python)**
* Development of a video streaming and processing platform supporting computer vision applications, including face detection and feature extraction.

2011 –2018 **IBM – XIV/STG division** Tel Aviv, Israel **(C++, Linux)**
* Journaled and compressed storage.
* File-system metadata synchronization.
* Deduplication. Multithreaded network processing.
* NAS server supporting CIFS/SMB2/NFS file protocols

2006 - 2011 **NDS** Jerusalem, Israel

Network Programmer in headend division (C++, Java, Linux)
* authentication servers deployed at customer sites with millions of users (Radius, web proxy/authentication)
* Infrastructure, Developer support and coaching
* Streaming and content delivery servers of IPTV content, DRM servers
* Developed infrastructure libraries + maintainer of make system
* Developed memory debuggers.

2005 - 2006 **GO Networks**. Tel-Aviv, Israel
Network Programmer (C++, Linux)
* Programmer on the Access Controller team; Access Controller is a Network Access Server for wireless networks.
* Designed and implemented a 4GL system for rapid development of administration functionality;
administration access via CLI and SNMP. The system was used to implement several hundreds of
administration commands.
* Implemented firewall and walled garden subsystems.
* Implemented captive portal web application.
* Implemented the build system and boot image building tools.

2003 - 2005 **RADWARE**. Tel-Aviv, Israel
Network Programmer (C++, Linux, VxWorks)
* development of routers/switches from VxWorks to Linux
* Programmer on CT100 - high-performance SSL accelerator device.
refactoring/rewriting of HTTP compression code.
* Dynamic generation of client certificates for tunneling SSL proxy/antivirus gateway functions of the SSL accelerator.
* Implementation of CDP (Certificate distribution points).

1996 – 2002 **Sapiens Technologies**. Rehovot, Israel
System Programmer / Application Programmer (Windows)
* main developer of client-side development products for a system sold to the US Internal Revenue Service (C++)
* XML Schema compilers, converts schema into Sapiens database records + reverse process. (C++)
* Internet application server on NT/IIS Web Server (C++); development of infrastructure class libraries. The Internet Application server is installed at Principal, the third largest insurance company in the US.

1995 – 1996 **SuperStudio/The Learning Company** . Jerusalem, Israel
GUI and Application Programmer (Windows)
* implemented the GUI for the InfoPedia multimedia encyclopedia. (C++)

1994 – 1995 **Edunetics** Herzliya, Israel
System Programmer (MS DOS)
* maintained a runtime interpreter for a multimedia programming language. (C, x86

Assembly)
DOS drivers for sound (Soundblaster, DMA device) and video cards (VESA). (x86 Assembly)

Education
Hebrew University Jerusalem, Israel, BA in Computer Science

Languages
English, Hebrew, German, Russian