

Moshe Stolar

Embedded Real Time Software Engineer

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Summary

A software engineer with about 30 years of professional experience.

- I have a team-first mindset.
- I ensure a high quality of code that can be safely co-authored.
- I always deliver on time.
- I document my work thus allowing reuse of acquired know-how.
- I am an expert in troubleshooting.
- I am strong in written communication.
- I am very well organized and meticulous.
- I am concerned about the quality of the software produced by the company I work for.

C developer Embedded RTOS Troubleshooting SW integration Analytical skills

Recent Courses

- Node.js developer – Express Web Servers / MongoDB / Socket.IO. *Udemy Certificate, 2021*
- Blockchain and Cryptocurrency – Full-Stack. *Udemy Certificate, 2021*

Professional Experience

2002 – 2020: Senior software engineer for NDS Ltd. / Cisco / Synamedia, Jerusalem

Worked in a group of developers that supports the company's Security Agent for an STB's Conditional Access layer – essentially, multithreaded and multiprocessed software, written in C, and running on a large variety of embedded platforms, often in Linux.

Took ownership for constructing and supporting over 80 instances of the Agent, differently customized for over 20 digital TV broadcasting companies worldwide.

Integrated the Agent with CA middleware products. Led cross-companies troubleshooting efforts.

Developed security features for the Agent.

Revised the company's CA Certification Kit for testing compliance of CA drivers with the company's security technology. Worked with major STB and chipset manufacturers. Led over 50 certification rounds.

1997 – 2001: Software engineer for Vyyo Ltd., Jerusalem

Developed C software for a pSOS-based DOCSIS cable/wireless modem Termination Station. Implemented a TCP/IP SNMP agent. Created proprietary MIBs. Worked with ISOC RFC publications and participated in RFC discussions.

Developed a Windows NMS program for a network of modems, written in MFC (C++).

1994 – 1996: Software engineer for Ultramind International Ltd., Jerusalem

Developed C software for supporting the company's proprietary biofeedback sensor unit.
Ported the company's MS-DOS software to Windows 3.11 and, at a later stage, to Windows 95.

1990 – 1993: Key software developer for SuperSoft Ltd., Jerusalem

Constructed a Generator of Dynamic Translators of MS-DOS programs into Hebrew.
Elaborated in assembly language by applying reverse engineering methods.

Education and Early Professional Experience

I attended lectures at the Moscow State University, Faculty of Mathematics. I have studied the courses comprising the first three years of the Faculty's curriculum.

Between 1982 and 1988 I practiced at various Moscow institutions for gaining professional experience in computer programming. For about two years I developed under CP/M.