


Aviram Preshel

Software Developer

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ABOUT ME

A senior software engineer with a broad knowledge and 10+ years of experience in enterprise software development for mission critical equipment. Enthusiastic about modern technologies and big projects

SKILLS

Programming & Scripting

C#, C++, C++ CLI, Managed C++, WCF, .Net Core, Java, ML.Net, Scheme, Blockchain, ASP.NET, Web Apps, Blazor, Xamarin, Android, HTML 5, JS, Angular.JS, REST APIs, Python, ML, Scheme, F#

Spoken Languages

Hebrew (Mother's tongue)
English (Master)
Chinese (Novice)

EDUCATION

BSc Computer Science
Ben Gurion University
2006 - 2009

WORK EXPERIENCE

SW Architecture team lead at KLA (2018 – Present)

I lead a team of ~10 senior SW engineers, designing software infrastructures for high-end semiconductor equipment

- System analysis and architecture
- Migration of legacy components and reverse engineering
- Computation frameworks (C++, IPP, MKL, MIL)
- Team management, including planning, scheduling, risk management
- Member of senior group staff

SW Infrastructure team lead at KLA (2016 – 2018)

Leading a team of 3 SW engineers, implementing SW infrastructures for various products

- New product infrastructures (C++, COM, MFC, WCF, C#, C++ / CLI)
- Team leadership (scheduling, planning, requirement ownership)

SW product team lead at KLA (2015 – 2016)

Leading a team of 3 SW engineers, implementing SW features for product family

- Translate top level system, marketing and algorithmic requirements to SW requirements
- Team leadership (scheduling, planning, requirement ownership)

SW developer at KLA (2010 – 2016)

Working as a software engineer in a wide range of product teams

- Developing features in C++, C++ /CLI, C#
- Writing design and requirement documents
- Real Time components (INtime over Windows)
- HW controller driver development in C++ and C# (UDP, TCP, RS232)
- Interop-ability of legacy MFC/C++ to modern WCF/C#
- UI, DB and Business Logics for various applications (Sequencer, Diagnostics, Calibrations, UI Editors)