

Email: by request  
GitHub: [github.com/jarkkojs](https://github.com/jarkkojs)  
GitLab: [gitlab.com/jarkkojs](https://gitlab.com/jarkkojs)  
Mastodon: [social.kernel.org/jarkko](https://social.kernel.org/jarkko)

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## Summary

An experienced **software engineer** and **Linux kernel maintainer**. My focus is on operating systems, firmware and bootloaders, and on low-level programming.

Open to roles ranging from **software** and **systems** engineering.

## Education

1999 – 2005

[Tampere University of Technology](#)

M.Sc. Computer Science  
Software Engineering track

## Skills

### Programming Languages

C • C++ • Rust • x86 and RISC-V assembly

### Build Systems

autotools • BuildRoot • cmake • kbuild

### Firmware

SBI (OpenSBI) • UEFI (Tianocore) • U-boot

### Open Source

Enarx • Linux kernel

# Jarkko Sakkinen

Software Engineer

## Experience

2023 Mar. – 2024 Sep.

### Contract Researcher @ Tampere University

- Enabling OpenSBI and Linux on new SoC's in the SoCHub project (see <https://sochub.fi/>).
- Enabling Keystone Security Monitor for CVA6-based research CPU as part of the EU funded SPIRS project (see <https://www.spirs-project.eu/>).

2022 Jan. – 2023 Feb.

### Software Engineer @ Profian Inc

- Worked on <https://www.enarx.dev/>
- Contributed dynamic (i.e. SGX2 enhanced) memory manager for the Intel SGX backend.
- Reviewed and tested SGX2 Linux kernel patches.

2011 Apr. – 2021 Dec.

### Software Engineer @ Intel Corporation

- Linux kernel engineer at Open Source Technology Center.
- Enabled TPM2 and Intel SGX in the Linux kernel.
- Became Linux kernel (co-)maintainer in keyring, TPM and Intel SGX.

Various other IT industry jobs starting from the year 2001. More information is provided by request.