

Aliaksandr Z.

System Software Developer, Security Architect

Embedded Software

Profile

- Experienced System Software Engineer with 12+ years of experience designing and implementing firmware-level and system-level security solutions, sophisticated OS-kernel extensions and device drivers, hi-loaded systems development, and data processing.
- Solid foundation in building secure, real-time operating systems and extending Linux kernel capabilities, with strong proficiency in both C and C++.
- Instrumental in architecting and implementing UEFI hypervisors and firmware for Class B medical devices, emphasizing security features like CryptoCell for secure communications.
- Proven capabilities in vulnerability analysis, leveraging tools like Angr and AFL for automated firmware testing.
- Played a key role in SDLC, driving modern software architecture practices and security foundations in projects across medical and information security industries.
- Upper-Intermediate English

Details

Poland, Warsaw
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Skills

C/C++/C#



Linux