Evard Vadim

v.e.evard@gmail.com
+7-921-565-14-32
https://evard.online
https://github.com/Pipeliner
skype: evardvadim
Birth: 13.01.1992

Experience

2022 - 2023: Heatbit, software developer. Python, embedded Linux (Orange Pi), Django REST framework. Implemented CI for back-end, embedded Linux image, and various backend and firmware features.

2022: Precious Payload, backend developer. Typescript, Nest, Gitlab CI, AWS. Migrated customer data from old production systems. Implemented various backend and infrastructure features.

2021: Yandex, search engine result page element development. Python, C++, proprietary low-code technologies, A/B tests.

2019 - 2021: Redsteep, software developer, outsource.
Project 1: Improved overall service stability (from about 30% of failed tasks to less than 1%) and introduced new required features. Python, automation of physical and virtualized Android devices, Ansible, networking.
Project 2: Implemented a bookkeeping reports export tool for Fortnox. AWS (Lambda, Step Functions etc), Python.

2018 - 2019: NDA. Blockchain infrastructure development. Virtual machine and toolchain.

2017 - 2018: freelance work. Blockchain development: Ethereum (Solidity, web3.js, Truffle), Bitcoin (proprietary database app maintenance, C++), Apla. Telegram bot development (Python, @anti228bot, @m_divisionbot).

2016 - 2017: First Line Software, C++ developer. Porting system for instant photo delivery from photographer to publisher to an embedded Linux device.

2015 - 2016: DrWeb, C++ developer. Firewall for Windows. C, C++, Windows service and a kernel WFP driver. User and kernel mode debugging with WinDbg, including automation with PyKd/Python. Dump analysis. Reverse Engineering of network applications. Visual Studio, Git, Gitlab, Mantis.

2015 - 2017: managing LessWrong community meetups in Saint Petersburg (https://www.meetup.com/St-Petersburg-LessWrong-Meetup). Talks, games, exercises, managing speakers.

2010 - 2014: successful participation in CTF information security contests in SPSU team PeterPEN [1], [2].

SPbSU, summer school 2011 - study on RFID technologies and associated dangers. Demonstration of typical buffer overflow vulnerability and its successful exploitation. Report on various vulnerabilities possible with RFID.

Education

2018: MITx 16.00x, Introduction to Aerospace Engineering: Astronautics and Human Spaceflight.
2009 - 2014: St. Petersburg State University, Faculty of Mathematics and Mechanics, Department of System Programming.

Skills

Advanced Python, C and C++ development (including Qt GUIs, for Linux and Windows).
Knowledge of typical software vulnerabilities (OWASP Top 10), mitigation and basic exploitation techniques.
Ethereum contracts and simple web/CLI UIs (Solidity, JavaScript).
Advanced Linux user (including building software from source code and service administration).
Docker and Docker Compose: some basic usage (simple Dockerfiles, running services etc).
Jenkins: configuring build jobs for several C++ projects.
Ansible: basics of provisioning and configuring services.
Basic knowledge of machine learning and neural nets (Tensorflow, sklearn).

Languages

Russian - native.
English - advanced/C1.
Spanish - basic.