Pavel Reichl

SOFTWARE ENGINEER

NAME
Pavel Reichl

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GITHUB
https://github.com/preichl

PROFILE

I am a software engineer interested in system and security software and also generally in Linux programming and open source. I have a background of a game developer which gave me experience with optimization and computer graphics. I am always eager to learn new things.

LANGUAGES

CZECH
Native
★★★

ENGLISH
Working Proficiency
★★★½

GERMAN
Elementary Proficiency
★½☆☆

⚙ WORK EXPERIENCE

JAN 2017-NOW | **RED HAT**, REMOTE
QUALITY ASSURANCE ENGINEER
Creating new tests for new features and automation of CVE reproducers for JBoss Core Services. Investigating and debuging complex issues. Execute test automations and verify bug fixes in regular cycles. Designing a multi platform test suite based on CMake for testing of OpenSSL exploits, LibXML exploits and Apache HTTP Server modules.
🔧 `JAVA|Groovy|Jenkins|C|Git|RHEL|Fedora|Python|BASH`

OCT 2013-MAY 2016 | **RED HAT**, BRNO
SOFTWARE ENGINEER
Designing and developing new features with emphasis on product security and performance, code reviewing, bug fixing, testing, helping users and support engineers with troubleshooting, participating in planning and documentation processes, releasing one of RH's OS libraries.
🔧 `C|Git|Fedora|Python|BASH|LDAP|Kerberos|Github|PAM|`
`Autotools|Unit Testing`

📁 Projects

SSSD is a system daemon which primary function is to provide access to identity and authentication of remote resources.

pam_hbac is a PAM account module that evaluates HBAC rules stored on an IPA server.

SEP 2011-JAN 2013 | SEZNAM.CZ, BRNO
SOFTWARE ENGINEER
Member of a tech team responsible for maintaining and developing new tools/libraries for other developers. Previously maintenance of high-traffic web applications. (novinky.cz, sport.cz, super.cz)
🔧 `C/C++|Python|Git|Debian|BASH|SQL|SVN|Scrum|XML|JSON`

JUN 2008-NOV 2010 | HAMMERWARE, S.R.O., BRNO
GAME DEVELOPER
Development of cross-platform games – programming, debugging, optimization and testing.
🔧 `C++|SVN|Ogre|STL|Boost|XML`

🎓 EDUCATION

2010–2013 | *Masaryk University*, BRNO
MASTER'S DEGREE OF APPLIED INFORMATICS
Thesis: *Procedural modelling of buildings*

2005–2008 | *Masaryk University*, BRNO
BACHELOR'S DEGREE OF APPLIED INFORMATICS
Thesis: *Octree-based Ray Tracer*