Jarno Luoma-Nirva SW Specialist



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Specialties C++/Qt, Python/Django, TDD **Other skills** AWS, JavaScript, Jenkins, Vue.js

Profiles GitHub: <u>jarnoln</u> LinkedIn: <u>jarnoln</u>

Work experience

- 2017-09 / current (8 years, 1 month) SW Specialist at <u>Vaisto</u> Solutions
 - Python/Django and Vue.js development. Test automation.
- 2005-03 / 2017-09 (12 years, 6 months) SW Specialist at Symbio
 - C++/Qt programming for Windows, Linux and embedded platforms. Web services with Python/Django/JavaScript. Worked for projects in Czech, Sweden, Taiwan and U.S.
- 2000-11 / 2004-02 (3 years, 3 months) Engineer Trainee at Instrumentointi Ltd
 - Department: Insta Defence, Simulation Systems. Developing military training simulator systems. C++ programming and objectoriented design.
- 1999-02 / 2000-03 (1 year, 1 month) Research Assistant at Digital Media Institute
 - Developing software-based MPEG-2 decoder for Pentium III processor. Optimization and processor-specific programming in C++.

Education

- 2000-04 / 2000-10 (6 months) Exchange Student at <u>Kitami</u> Institute of Technology
- 1996-08 / 2004-12 (8 years, 4 months) M.Sc. of Engineering at Tampere University of Technology
 - Degree Program in Information Technology. Main subject:
 Computer Science. GPA: 3.02. Degree thesis: <u>Training Simulator for Optical Range Finder</u>. Thesis grade: 4 <u>Details</u>
- 1992-08 / 1995-06 (2 years, 10 months) <u>Kauhajoki Senior High</u> School

Other experience

- 2019 / 2022 Member of the Board in Finnish Pirate Party
- 2019 Candidate in Parliament Elections
- 2004 Candidate in European Parliament Elections
- 2003 / 2010 Member of the Board in Finnish Liberal Party

Hobby projects

- 2020 Exposures (https://altistukset.fi)
 - o Technologies: Python, Django, Vue.js
 - Corona exposure event database and report generator made with Django. Open source, available in <u>Github</u>.
- 2017 CVDB (https://cvdb.fi)
 - Technologies: Python, Django, BDD, CI, REST, Ansible
 - CV/Resume database made with Django. Open source, available in Github.
- 2016 Mitasny (http://mitasny.com)
 - o Technologies: Python, Django, Javascript, TDD, CI
 - Simple task/project manager made with Django using TDD. Open source, available in Github.
- 2015 Plokkeri (https://plokkeri.fi)
 - o Technologies: Python, Django, TDD, CI
 - Simple blogging platform. Open source, available in <u>Github</u>.
- 2012 Tyranny of Majority (http://tyrannyofmajority.net)
 - Technologies: Python, Django, MySQL, HTML5, Javascript
 - Web based collective decision-making tool for polling, voting and elections. Made with Python/Django, also used several other tools such as git, MySQL, HTML5, JavaScript etc.