

# Jarno Luoma-Nirva SW Specialist



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**Home page** <http://www.jln.fi>  
**Specialties** C++/Qt, Python/Django, TDD  
**Other skills** AWS, JavaScript, Jenkins, Vue.js

**Profiles** GitHub: [jarnoln](#) LinkedIn: [jarnoln](#)

## Work experience

- **2017-09 / current (8 years, 4 months) SW Specialist at [Vaisto 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 object-oriented 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 [Kitami 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: [Training Simulator for Optical Range Finder](#). Thesis grade: 4 [Details](#)
- **1992-08 / 1995-06 (2 years, 10 months) [Kauhajoki Senior High 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>)**
  - Technologies: Python, Django, Vue.js
  - Corona exposure event database and report generator made with Django. Open source, available in [Github](#).
- **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>)**
  - 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>)**
  - Technologies: Python, Django, TDD, CI
  - Simple blogging platform. Open source, available in [Github](#).
- **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.