



# Sampsa Laapotti

## Curriculum Vitae

*"Behind every exciting, dramatic failure, there is a more important story about a larger and less dramatic failure that made the first failure possible"*

### Education

- 2011–  
Ongoing **Bachelor Studies in Computer Science**, AALTO UNIVERSITY, Espoo.
- 2009–2010 **Bachelor Studies in Computer Science**, UNIVERSITY OF TURKU, Turku.
- 2008 **Upper Secondary School and Matriculation Examination**, SALON LUKIO, Salo.

### Bachelors Thesis

- Title *Authenticating user securely with MIFARE DESFIRE EV1 NFC card*
- Supervisor Professor Rousu, Juho
- Advisor Professor Aura, Tuomas
- Description In my Bachelor thesis I studied user authentication with MIFARE DESFIRE EV1 NFC-smartcards in a secure way. I developed a physical proof of concept and software for user authentication and analyzed it's security and implementation details. My thesis is ready, but I am still missing some courses from my Bachelor's degree.

### Experience

#### Part-time jobs and Summer jobs

- 2015 May – **Software Engineer**, GOFORE OY, Helsinki.
- Present I work at Gofore and develop web applications and services for our customers in an agile manner
- Hilights:
- Microservices and Continuous Integration
  - Django and Mezzanine CMS
  - SAML and Shibboleth authenticatio
  - Node.js and Express
  - AngularJS
  - AWS, Ansible and Infrastructure as Code

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📄 My GitHub page • sampoz @ IRCnet

2013 April – **Junior Consultant**, SYMFONI FINLAND, Helsinki.

2015 April My work at Symfoni consisted of different consulting assignments regarding IT Service management customers using Service Now environments. I worked at Symfoni for 2 days a week during school terms and full time on summers. On the summer of 2014 I Worked for 3 Days a week at Symfoni in order to use the other 2 days to work in a startup side project. Hilights:

- Customizing Customer instance for use
- Backend and Frontend Javascript development with ServiceNow tools
- Different Integrations:
  - Ticket integrations ( Incidents and Problem management )
  - Password reset with MID-server querying Customer AD
  - CMDB Integrations
- Developing Catalog Items and Order process
- CMDB Development

#### Miscellaneous

2006 – **IT Handyman**, AJANTERAPIA OY, Salo.

Ongoing I Am responsible for all the IT for my mother's physiotherapy company. This means being the Helpdesk and catering for all the needs that a 4 person business has.

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### Computer skills

|              |  |
|--------------|--|
| Basic        | MySQL, ITIL, LDAP, DNS, SCALA, CLOJURE, REST-APIs, C#, ANSIBLE, SAML, SHIBBOLETH   |
| Intermediate | JAVA, L <sup>A</sup> T <sub>E</sub> X, CSS, git, Linux server administration, AWS EC2 and Cloudformation, AWS RDS, Postgresql, Microsoft Windows, ServiceNow |
| Advanced     | JAVASCRIPT,PYTHON, HTML5   |

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### Club and Voluntary activities

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|---------|--|
| 2012-14 | TIETOKILTA, Master of Internal activies, Master of External affairs, Chairman of the Board |
| 2012-14 | AALTO UNIVERSITY, Tutor for the Freshmen   |
| 2011    | DIGIT, Master of Communications  |

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### Languages

|         |               |   |
|---------|---------------|---|
| Finnish | <b>Native</b> | <i>Born and raised in a Finnish speaking environment</i>                        |
| English | <b>Fluent</b> | <i>I use English every day for almost everything related to school and work</i> |
| Swedish | <b>Basic</b>  | <i>Only the mandatory basics taught in High School and in University</i>        |

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### Interests

- Internet, Open Source and Linux, Electronics, Amateur Radio operarions (Callsign OH2EGW), Books, Science and Rationality, Photography, 3d Printing, Infosec, Space and Astronomy

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