

# Pentti Sunila

Experienced technical leader focused on cloud and data-driven execution.

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## EXPERIENCE

### Sortter

*Technical Project Manager*

2023 -

- Lead a startup software delivery team
- Implement and enforce agile practices, act as scrum master
- Host biweekly business prio meets with leadership
- Some project execution highlights: Estonian country expansion, bank integrations, product development with bank & insurance partners, new whitelabel solution for SME, machine learning on AWS Sagemaker

### Topcoder

*Community Manager*

2021 - 2023

- Community Management & strategy
- Competitive Programming & Development
- Scheduling, approvals, comms, events, webinars
- Rapid Development Match competition format; coordination and problem writing
- (Mathematical) Puzzle competition format; creation, coordination and problem writing
- QA projects
- Community advisor role for internal projects and development activities, including platform legacy improvements
- Crowd For Good Cancer Research project, community advisor role

*Developer Edgenet Evangelist*

2021

- Developer Advocacy for a client partnership, Competitive Programming & Development, Community Member
- 5G, Edge Computing, Machine Learning, Image Processing
- Community management, Communication & representation, Technical development work, Guidance & educational work, content, Client work

### University of Helsinki

*Course Instructor / Teaching Assistant*

2021 - 2022

- Introduction to Statistics and R Programming I
- Introduction to Statistics and R Programming II
- Bayesian Inference
- Geometry
- Mathematics of Machine Learning

### IBM Global Services

*Trainee, Cloud App Migration Services*

2018 - 2020

*Client: City of Helsinki, Asiointiportaali & hel.fi*

- Software developer consultant
- Client work for a public sector client
- Keywords: cloud transformation, automated testing, information security, multi-vendor environment; Kubernetes, Openshift, Enterprise Java, Microservices, Robot framework, Watson technology

### TV Tools

*Software Developer*

2018

- Worked as a software developer on various front and back-end solutions related to media delivery, asset and log management, and monitoring
- Worked with: Docker, Elasticsearch, Grafana, Low level binary protocols, hardware network interfaces, C#, Ruby, React.js, Lawo VSM

## EXPERIENCE

### Nixu Corporation

*Summer Trainee, Situational Awareness*

2016

- Evaluated various security software solutions.
- Worked with: IBM QRadar, ELK Stack, LogPoint, AWS, RHEL, CentOS, Debian, Windows Server, Python, Bash, Ruby, Perl, Metasploit, Ansible
- Participated in an informal information security contest (CTF), Cyberlympics 2016, as captain of Nixu summer intern team “Fuzzbuzz”

### Hyrylän yläaste

*Substitute teacher*

2015

- Taught maths, chemistry, and programming to grades 7 - 9

## ACADEMIC

### University of Helsinki

2013 - 2017

Bachelor’s degree, Mathematics. Minor subjects statistics & Hungarian.

- My bachelor’s thesis was on the mathematical methods involved in X-Ray tomographic reconstruction (Inverse Problems)
- Additional cultural & linguistic studies, especially on finno-ugristics

### Tikkurilan lukio

2010 - 2013

Graduated in 2013 with a bilingual IB Diploma.

- I performed volunteer service at Heureka Science Centre as part of the CAS (Creativity, Action, Service) program.
- I wrote my Extended Essay on the construction of real numbers from the rationals.
- My Higher Level subjects were Finnish A, Mathematics, and Chemistry; Standard Level subjects were English A, Philosophy, and Physics.

## SKILLS & INTERESTS

- Languages: Native Finnish, CEFR C2 English (fluent), B2 Hungarian and Swedish, A2 Mandarin Chinese (HSK 3-4). Various other language / linguistic studies.
- Active self study: for example, I have completed and audited several free courses on the Coursera online platform, including:
  - Machine Learning
  - Social Network Analysis
  - Advanced Competitive Strategy
  - International Leadership and Organizational Behaviour
- Some issued verified badges on Acclaim platform.
- Completed the CMX Academy Community MBA certificate course.
- Topcoder community member since 2013.
- Arts & culture interests, hobbies.
- Hobbyist esports. practices
  - Founding member of IBM Esports Finland, Sortter Esports, plus one hobby gaming group
  - Penatrix on CodinGame
  - \_Pena on HackerRank
- Folk & Electronic musician (hobbyist).
  - <https://gide.community>
- Member of the Finno-Ugrian Society of Finland.
- Member of The Brackets Club non-profit charity organization.
- Used to serve as a Discord moderator of Topcoder community.
- GitHub page.