



OLLI PALOVIITA

SOFTWARE ENGINEER

CONTACT ME

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FIND ME

🏠 ollipal.com
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TECHNICAL SKILLS

PROFESSIONAL LEVEL

- Python
- JavaScript / TypeScript
- Scala / Java
- Node.js
- React / React Native
- Docker
- PostgreSQL
- Firebase
- Linux
- Git
- Jira
- Heroku
- Vagrant
- CI/CD pipelines: Bitbucket/Github
- Real-time: WebRTC/WebSocket/SocketIO
- Documentation: Sphinx
- Test frameworks: tox/pytest/Jest

WORKING KNOWLEDGE

- C / C++
- C#
- Golang
- Rust
- NGINX
- Redis
- Apache server
- Ansible
- Kubernetes
- Unity
- Blender
- CAD software (multiple)
- Terraform
- RabbitMQ
- AWS
- GCP
- Kotlin
- MongoDB
- Native Android
- Django

Projects and more details at ollipal.com

AWARDS RECEIVED

- 📖 Junction Hackathon challenge winner 2018, track: AI & Big Data, partner: Cisco

PERSONAL PROFILE

I am a software engineer with several years of professional experience.

I am looking for a master's thesis / graduate position in solving challenges related to new web technologies, security, cloud computing or algorithms.

EDUCATIONAL HISTORY

Master of Science (Technology)

Aalto University | 2019 - present | GPA 4.31 / 5.00 (Nov 2021)

- Major in Computer Science, study track: Big Data and Large Scale Computing
- Minor in Security and Cloud Computing

Bachelor of Science (Technology)

Aalto University | 2016 - 2019 | GPA 4.58 / 5.00

- Major in Mechanical Engineering
- Minor in Computer Science
- Thesis involved streamlining and algorithmically optimizing industrial valve testing processes

WORK EXPERIENCE

Software Engineer

Surrogate.tv | Jun 2019 - Aug 2021

Leading the development of a robotics remote control library in Python. Full Stack engineering with TypeScript, React and Node.js. Onboarding, guiding and mentoring new team members.

Teaching Assistant, Python

Aalto University | Jan 2019 - May 2019

Teaching assistant role for the advanced course in Python.

Trainee, R&D Laboratory

Metso Oyj | May 2017 - Aug 2018

Research and testing of industrial valve designs. Automation of the processing of raw test data into reports.