MattiJokitulppo

Software Engineer

about

Espoo,
Finland

melonmanchan@gmail.com
https://mattij.com
github.com/melonmanchan

languages

native: finnish
fluent: english
intermediate: swedish

technology

JavaScript
Golang
Ruby/Rails
Node.js
React
Angular
Vue
HTML5
CSS3
Sass
Android
Java
GNU/Linux
Docker
Python
PHP

interests

electronics, games & game programming, embedded programming, robotics, linux, open source software, web development, music, mechanical keyboards, text editors

education

2016 -	**Master's Programme in Computer Science**	Aalto University
	Software Systems and Technologies study track	
2012 - 2015	**Degree in Software Engineering**	JAMK University of Applied Sciences
2011	**Finnish Matriculation Examination**	Koulutuskeskus Salpaus, Nastola

experience

11 2015 -	**Aalto University Learning Environments research group**	Developer
	Developing mobile and web applications and augmented reality solutions	
2014 -	**Nestronite OY, Jyväskylä**	Developer
	Designing and developing Jaxber, a multi-platform mobile application for collecting customer feedback.	
04 – 07 2015	**N4S@JAMK, Jyväskylä**	Developer
	Developing Contriboard, a modern web app for team collaboration.	
04 – 07 2014	**N4S@JAMK, Jyväskylä**	Junior developer
	Converting Tieto TOAS JavaEE framework packages from CentOS/RHEL Linux to Ubuntu.	

applications

2016	**Ach so!**	http://achso.aalto.fi

Android/iOS app for recording and sharing insights via annotated videos. Java/Golang/Python/Ruby

2015	**Soar**	https://github.com/melonmanchan/sardroid

Hybrid app for real-time peer-to-peer video calls and vision sharing with WebRTC. Made with Cordova/Angular/Ionic/Sass/HTML5

2015	**Contriboard**	http://n4sjamk.github.io/contriboard

Single page app for real-time collaboration, developed with React/NodeJS/Express/MongoDB.

2015	**Android robot**	https://github.com/melonmanchan/Android-Robot-V2

Arduino-powered robot that's controlled over Bluetooth LE via an Android app, made as my thesis project for JAMK. C++/Java.

2014	**Jaxber**	http://jaxber.com

Multi-platform mobile application for collecting customer feedback, developed with HTML5/JavaScript/LESS utilizing PhoneGap framework. Also created management panel with Node.js/Express/Sass/Handlebars.js.