

# Tommy Kallio

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Current location: Helsinki, Finland

## Summary:

Innovation Full-Stack Mobile Application Developer with about 10 years of experience in developing apps and built more than 40 applications for different industries. Hands-on experience in Native & Hybrid app development. Ability with Kotlin and Swift for Native Application, Flutter and React Native for cross platform

## Technical Skills:

<b>Mobile Frontend Technologies:</b>	Flutter, Dart, React-Native, Android, Java, Kotlin, Android NDK (C++), iOS, Swift, Objective-C
<b>Backend Technologies:</b>	Node.js / Express / Nest.js, PHP / CI / Laravel, Python / Django / Flask, Golang, REST, Sockets
<b>Web Frontend Technologies:</b>	HTML5 / CSS3, Bootstrap / jQuery, React / Next.js / Redux, Vue, AngularJS, JavaScript / TypeScript, ES5 / ES6,
<b>Databases:</b>	Firebase, AWS DynamoDB, My SQL, PostgreSQL, MongoDB
<b>Version Control &amp; CI/CD Tools:</b>	GitHub, AWS, Docker, Jira,
<b>Tools/ IDE:</b>	Android Studio, XCode, Visual Studio Code, WebStorm

## Education:

- **Bachelor's Degree in Computer Science** (2010-2015), Aalto University, Helsinki, Finland.
- **Matriculation Examination Certificate** (2007-2010), Alppila Upper Secondary School, Helsinki, Finland.

## Experience:

### **Senior Flutter Developer**, 06.2022 – 06.2023

- Guided customers in their mobile strategy planning, helping them to set up and execute on their product roadmap while leading their teams to success.
- Taught and mentored developers on how to create value for customers in their projects.
- Developed and maintained high-quality mobile apps for startups and large enterprise organizations, such as two of the largest banks in Sweden.
- Developed and maintained a white-label app, together with an automated distribution solution for Sweden's largest cab company, where 15 apps were deployed using a one-button click.
- Defined modern ways of working, project guidelines, and requirements for all internal and external projects at the company.

### **Full-Stack, Lead Software Engineer**, Nokia Networks – Nokia Corporation, Espoo, Finland, 04.2020 – 5.2022

- Develop, test, implement and maintain application software working with established processes and best practices.
- Provide guidance and assistance to development and operational team members.
- Be an active member of the Development team to contribute to team dynamics, ways of working and assisting with improvement opportunities
- Work closely with business partners, project managers and team members to clearly define scope of work and provide accurate schedule estimates
- Establish methods for code development within dev, test, prod environments for consistent methodology across releases using Gitlab and Appflow for CI/CD build process.
- Manage activities of team members using AGILE methodology
- In charge of the Australia/New Zealand app **internationalization** and release.
- Project based on Flutter and React-Native.
- Created AWS Lambda functions for data management.

### **Full-Stack Mobile Developer**, Trafore Ltd, Helsinki, Finland, 09.2017 – 03.2020

- Designed, developed, tested and deployed mobile applications using Kotlin, Swift, Dart, JavaScript,

PHP, Laravel, CodeIgniter

- Worked as part of team to define and implement solutions in alignment with the client's requirement
- Maintained long and short-range deliverables with product management team according to product roadmaps.
- Documented architecture and implementation for internal and external consumption.
- Fixed bugs and improved application performance.
- Designed and implemented services like Firebase Notifications, Google Maps, Places API's etc.
- Integrated third party API's like Twilio SMS, Agora Live Streaming, Quickblox Chat, etc.
- Wrote unit tests for mobile code and debugged critical application issues such as crashes, memory leaks, and concurrency problems.
- Applied various payments gateways like Stripe, Paypal, Square etc. as per client's needs
- Managed tasks within Agile framework, cleared Sprinted tasks, and controlled GITHUB workflows.
- Partnered with artists, QA, and internal developers to maintain best practices.

#### **Frontend Mobile & Web Developer, 08.2013 – 09.2017**

- In charge of design Photoshop web designs
- Developed Redwod mobile app using Java, Kotlin Swift Objective-C
- Transform Photoshop web designs to fully functional and responsive websites using HTML5, CSS3, Javascript and Bootstrap 3 in the Front End
- Developed and designed Redwod Crossfit Gym management using in the backend Node.js, Sails.js, Express.js, Mongodb for the main Database, redis as the websockets and session database, Websockets (socket.io), Nginx, and in the front end AngularJS, HTML5, CSS3, Materialize and Sass as css preprocessor.
- Developed im management system using the backend Node.js, Sails.js, Express.js, Mongodb for the main Database, redis as the websockets and session database, Websockets(socket.io), Nginx, and in the front end Angular.js, HTML5, CSS3, Bootstrap 3 and Sass as css preprocessor.
- Used a private Git server as the version control system.

#### **Courses, certificates and awards:**

- Yearly **OWASP** security trainings and examination (2018, 2019, 2020)
- **Building Business Applications with Vue.js and MongoDB** course certificate (2019)
- Worked at **Certified Agile Center of Excellence** as Agile technical lead (2017-2019)
- Agile (Scrum) story writing and leadership **training with certification** (2018)
- **Oracle Reports Developer 10g** for displaying exemplary team spirit (2018)
- **Java Programming** of mobile dev courses (2016-2017)
- **20+ CodeSchool badges** of mobile dev courses (2016-2017)
- **Hats off SpotOn award** for achieving extraordinary results (2015)

#### **Competition:**

- Mastering Flutter and React-Native
- Android 12 & Kotlin & Android Jetpack
- Full Stack Mobile Cross-platform Development
- SQL Tuning Masterclass

#### **Language:**

- **Finnish:** Native
- **English:** Fluency

#### **Additional information:**

- **Residence status:** United States citizen, Canadian work permit holder (NAFTA)
- **References:** available upon request
- **Relocation:** possible
- **Hobbies:** modern devices and technologies, travel, game development