

Jaakkо Nakaza

fullstack engineer

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Work History

Beamex Software Engineer

Oct 2022 - Present

- Developed an Android app for smart glasses using React Native and machine vision to calibrate factory equipment
- Designed and built a user-friendly interface and met the client's requirements
- Solved technical challenges and created a custom BLE Peripheral and offline machine vision native module using Kotlin
- Set up a CI pipeline in Azure DevOps for code quality assurance

Aalto University Head Teaching Assistant

Jun 2021 - Present

- Head Teaching Assistant for an introductory Scala course with 1000 students/year
- Provided student guidance and support and developed effective unit tests
- Transitioned tests to Scala 3 and improved grading efficiency using Docker
- Enhanced course visuals with graphic design skills
- Currently working on creating a Scala library for graphics programming

Aalto University Software Engineer

Jan 2021 - Dec 2022

- Developed a plugin for IntelliJ IDEA using Java and other languages
- Utilized GitHub Actions for CI and code quality assurance
- Contributed to the project design and designed branding
- Designed and developed a web app for creating plugin tutorials using React.js

Languages

programming

Scala • Java • Kotlin
JavaScript • TypeScript
Python • Bash
C • C++

natural

Finnish	Native
English	Fluent
Japanese	Conversational

Other Skills

graphic design

Figma • Adobe CC • Affinity suite
UI/UX Design • Logo Design
Motion Graphics

programming

AI/ML
Git • CI/CD
SQL • NoSQL
HTML • CSS
Cloud • Docker • Kubernetes
DevOps • Cybersecurity
Windows • Linux • macOS
Android • iOS

soft skills

Agile • Scrum
Adaptability • Teamwork