

# Joonas Hiltunen

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## Profile

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I am a versatile full-stack software developer with over five years of comprehensive experience in various projects, from small one-person apps to extensive enterprise software. I excel in C# and JS/TS-based projects while being flexible and quickly grasping new technologies as required. In the future, I am interested in taking on a more significant role in some larger projects and in expanding my expertise in cloud technologies.

## Experience

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### Vincit Oyj

Mar. 2022 – Present

Software Developer

I am working as part of a team developing a completely new booking engine and a website for a large Finnish hotel chain. The engine will have integrations with multiple platforms to manage reservations made through multiple channels.

- Worked on the booking engine which is built with .NET/C#
- Integrations with multiple other systems, such as SmartHotel and Oracle Opera Cloud

Previously, I worked with a team planning, researching, and developing proof-of-concept software for a client in the e-sports industry.

- Researching and utilising multiple different e-sports data feed APIs
- The software will utilise machine learning and generative AI

I developed Vincit's internal payroller software, which our salary team uses to calculate the correct bonuses, provisions, and other benefits for workers.

- Integrations with multiple other systems used by the salary team

I worked as a consultant for a well-known company in the energy sector, developing a customer information system used by many of Finland's largest energy companies.

- Worked on the reporting module of the customer's flagship CIS product
- Worked on modifying the module for a new foreign market
- Developed a cutting-edge reporting microservice for a customer's new software product

### NomiCam Oy (Now part of Amazon Ring)

May 2019 – Feb. 2022

Software Developer, Sept. 2020 – Feb. 2022

- Wrote and maintained software for NomiCam's Dynamic
- Implemented improvements and bugfixes for NomiCam's MIP
- Developed plugins for NomiCam's MIP software using C#

Junior Software Developer, Sept. 2019 – Aug. 2022

- Implement CI pipeline for NomiCam's MIP software
- Implemented improvements and bugfixes for NomiCam's MIP
- Developed plugins for NomiCam's MIP software using C#
- Build a remote control for an industrial robot using .NET Core

Software Developer Trainee, May 2019 – Aug. 2019

- Developed plugins for NomiCam's MIP software using C#
- Wrote user documentation for MIP plugins

## Technical Skills

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**Languages:** C#, JavaScript, TypeScript, SQL (PostgreSQL), Java, C++, HTML, CSS

**Frameworks:** .NET Core, ASP.NET, React, Node.js, Next.js, Tailwind CSS

**Developer Tools:** Git, Docker, Terraform, Kubernetes, Visual Studio, CI/CD, Jest, Azure DevOps, GitHub Actions

**Cloud Platforms:** AWS, Azure, Vercel

## Education

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### **Tampere University**

Sept. 2022 – May 2024

Master of Science in Technology

Major: Software, Web, and Cloud

Thesis: Comparison of cloud platforms for hosting microservices

Grade: 4 (very good)

### **Tampere University / Tampere University of Technology**

Aug. 2018 – Sept. 2022

Bachelor of Science in Technology

Major: Software Engineering

Thesis: Adding continuous delivery to a legacy software

## Languages skills

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**Finnish:** Native Proficiency

**English:** Full Professional Proficiency

**Swedish:** Elementary Proficiency

## Other Projects

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**Homepage** | React, Node.js, Next.js, TypeScript, Tailwind CSS, Vercel | [joonashiltunen.fi](https://joonashiltunen.fi)

- A new personal website for myself
- Build using Next.js with TypeScript and Tailwind CSS
- Deployed using Vercel

**Flight randomizer** | React, Node.js, Next.js, TypeScript, Chakra UI, Vercel | [flights.jontzi.com](https://flights.jontzi.com)

- A simple tool for selecting a random flight from an airport
- Created using Next.js with TypeScript and Chakra UI library
- Utilises data from FlightRadar24 APIs for finding airports and flights
- Deployed using Vercel

**Get a Room!** | React, Node.js, TypeScript, MUI, Google Cloud, Docker | [getaroom.vincit.com](https://getaroom.vincit.com)

- A progressive web app for booking a meeting room on the fly
- Developed as part of a university course as part of a team
- Utilises Google Workspace and Google Calendar APIs
- Explicitly designed for Vincit but can be deployed for any organisation using Google Calendar
- Deployed to Google Cloud Run