



Joonas Kopsala

Software Engineer | 7+ years of experience | Full Stack | TypeScript, React, Next.js, Node.js
Greater Oulu Area

CONTACT

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SKILLS

- Next.js
- TypeScript
- React.js
- JavaScript
- Node.js
- MongoDB
- Docker
- Go
- DevOps
- Kubernetes
- REST

ABOUT

Fullstack software developer with 7+ years of professional experience building and maintaining production systems used by real-world customers. I work confidently across both frontend and backend, strongest with JavaScript and TypeScript, but not limited to those. I have deep hands-on experience with React and Next.js. I am always eager to learn more and improve professionally. In my current role at Smartvatten, I work with large, data-heavy systems where performance, correctness, and long-term maintainability are critical. I'm used to making technical decisions, taking responsibility for my work, and collaborating closely with other developers to deliver reliable, scalable solutions. I value clear thinking, clean code, and straightforward communication, and I take pride in building software that continues to work well as systems and teams grow.

EDUCATION

Bachelor of Engineering - BE, Information Technology

Oulu University of Applied Sciences
2013 - 2017

Ylioppilas

Toholammin lukio
2009 - 2012

EXPERIENCE

Software Developer

October 2022 - Present

Smartvatten

- Developed and maintained a production Next.js application serving external customers.
- Contributed throughout the full project lifecycle, from early development stages to production delivery and ongoing maintenance.
- Designed and implemented data-heavy features, including data visualization, reporting, and export capabilities.
- Worked across the full stack, primarily using TypeScript, delivering reliable and maintainable solutions.
- Contributed to application scalability, performance, and overall user experience for a growing user base.
- Supported cloud infrastructure and deployment processes using Kubernetes, Google Cloud Platform (GCP), and Terraform.

Software Developer

January 2019 - October 2022

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- Worked primarily on a customer-facing REST API handling product data and media.
- Developed backend services using JavaScript and Node.js.
- Extended and maintained API functionality to support product and content delivery use cases.

Trainee Programmer

2016 - 2017

Frozen Vision