

Jakob Lønnerød Madsen

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Work experience

Freelance software developer, Madsen Technologies

05.2023 - present

Full-stack developer, part time

❖ Yum Audio - Subscriptions and Tokens

Yum Audio is a German music studio which creates and sells audio plugins. My work on Yum Audio includes creating a subscription-based sales model, and purchasable tokens for API calls to an AI sound generator

Tech: Vue.js, Express, AWS Lambda, AWS DynamoDB, Fastspring, Typescript, Github Actions

Software developer, Sopra Steria

08.2021 - present

Full-stack developer at Sopra Steria, Oslo

❖ Kripos - Sikker Chat

A real-time chat solution used by Politiet across the country for chatting with citizens to ensure the confidentiality of information. Developed using React and .Net 6, with a large focus on user accessibility and security.

Tech: React, .Net 6, SignalR, Entity Framework, Azure DevOps & AD, Octopus Deploy, SonarQube

❖ Vipps AS - Vipps Web

Homepage of Vipps AS, Norway's largest payment application. The site's functionality includes a blog, help sections, support chat, lead forms, and surveys. Work focused on maintenance and some new functionality.

Tech: React, TypeScript, Wagtail, Django, Python, Azure cloud, Salesforce, PostgreSQL

In addition to these and other projects I hosted annual coding competitions for our internal technical community, and I wrote solutions descriptions for customer bids.

Summer intern, Sopra Steria

06.2020 - 07.2020

Full-stack developer at Sopra Steria where I created a customer portal for Åkerblå AS

Tech: Angular, Sharepoint API, Azure AD, Leaflet, C#, HTML5, CSS3

Faculty student representative, NTNU

01.2019 - 08.2019

Salaried position as representative for all students under the IE faculty. Represented the students in management- and faculty board meetings. Seated on the hiring committee for the appointment of a new dean. Responded to hearings from the Rectorate and the Ministry of Education

Education

NTNU: Norwegian University of Science and Technology

08.2018 - 06.2021

B.Sc Computer Science - *"Agile Security Audit of Picterus"*

USN: University of South-Eastern Norway

08.2017 - 06.2018

Preliminary course for engineers

Certifications

- ❖ AZ-204: Developing Solutions for Microsoft Azure
- ❖ AZ-400: Designing and Implementing Microsoft DevOps Solutions
- ❖ React Certification for IT Freshers (with HTML5, CSS3, Js)
- ❖ React.js. From the beginning. w/ Redux and React Router
- ❖ Next.js and React - The complete guide