Maximilian Hagelstam

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Skills

- **Programmming:** JavaScript, TypeScript, Go, HTML, CSS, PostgreSQL, MongoDB, React, React Native, Node, Next.js
- **Tools:** Git, Figma, Docker, Cypress, HubSpot, Microsoft Office 365
- **Languages:** English, Swedish, Finnish, Russian

Experience

Junior Software Developer   **Smartum Oy**   *Helsinki, Finland*   **Jan 2024 - Present**

- Working as a member of the Bike team, developing the new bike benefit with **Go, gRPC, TypeScript, React Native** and **Remix**.

Developer Trainee   **Smartum Oy**   *Helsinki, Finland*   **Mar 2023 - Jul 2023**

- Continued as a frontend developer on the Benefit Sharing team, contributing to the development and launch of the new Health Benefit.
- Designed and developed a new feature for the admin tool, enabling the customer service team to efficiently edit employee benefits.
- Quickly resolved a critical production bug in the checkout process that prevented customers from ordering benefits.
- Conducted refactoring efforts on the admin tool, enhancing code readability, maintainability, and documentation, thereby optimizing performance and facilitating easier future updates.

Developer Trainee   **Smartum Oy**   *Helsinki, Finland*   **Jun 2022 - Aug 2022**

- Worked as a frontend developer on the Benefit Sharing team, applying Agile methodologies and using **Jira and Bitbucket** to facilitate efficient task management and collaboration.
- Collaborated closely with designers, backend developers and the project manager, utilizing **React, TypeScript, Figma and Docker** to build and ship an updated version of a B2B web application.
- Wrote end-to-end tests using **Cypress** to ensure the reliability and functionality of the application.
- Enhanced the admin tool by implementing new features and fixing bugs, resulting in improved efficiency for the customer support team.

Freelancer   **Apr 2021 - Jun 2022**

- Completed 23 freelance projects, specializing in unit testing React applications and Node APIs using **Jest, Mocha, Supertest and React Testing Library** to enhancethe the reliability and stability of applications.
- Maintained high client satisfaction through transparent communication, tailored testing strategies, and quality deliverables, focusing on project requirements and expectations.

Projects

Crypto trading website   **GitHub** / **Demo**

- Developed a crypto trading website, integrating real-time data from the **CoinMarketCap API** to simulate the market.
- Designed a responsive UI using **Figma** and implemented it with **Next.js** and **Tailwind CSS**.
- Configured a cron job for up-to-date graph data and utilized **GitHub Actions** for automated code quality checks.
- Designed the **PostgreSQL** database schemas using **Prisma**, deploying and managing the database on **Railway**.

Social media for art   **GitHub** / **Demo**

- Co-developed a social media platform for sharing drawings using **Next.js**, **TypeScript**, **MySQL**, and **tRPC**.
- Developed a robust and responsive frontend with pagination, sorting, loading skeletons and error handling.
- Implemented dark and light modes and supported English, Finnish, and Swedish translations for enhanced user experience.

AI image generator   **GitHub** / **Demo**

- Designed and developed a website, that lets users generate, save and share images using the **Stable Diffusion XL** model.
- Built the site with **Vue.js** with **Nuxt**, handling both the UI and the API for image generation. Unit tested the application with **Vitest**.

Education

High School   **Gymnasiet Lärkan**   *Helsinki*   **Aug 2020 - Jun 2023**