

# MARGON JAN

🏠 Address: Elva, Estonia

✉ Email: [margonjanmsy0220@gmail.com](mailto:margonjanmsy0220@gmail.com)

## SUMMARY

- **Senior Frontend Engineer** with 8 years of experience in developing wide range of web applications in variety **industries** including **E-commerce, Fintech, Education** and **Healthcare**.
- Deep knowledge and understanding in **Cutting-Edge** and **modern industry-adopted technologies** and frameworks.
- High **Architecture ability** and **troubleshooting** based on strong **algorithm and data structure** knowledge.
- Strong **collaboration** and **communication** with team members, **passion** and **responsibility** about work.

## CERTIFICATIONS

---

- The National Collegiate Programming Contest 2013: 5<sup>th</sup> place
- Programming Challenge 2015 in Tallinn University of Technology: 2<sup>nd</sup> place

## EDUCATION

---

Apr.2012 – Mar.2016      Bachelor's Degree of Computer Science and Information  
*Tallinn University of Technology*

## SKILLS

---

- **Language:** HTML, CSS, Javascript, Typescript, C++17, Python
- **Front-end:** React, Next.js, Vue, Nuxt.js, Angular, Redux, TailwindCSS, AntD, MUI, Storybook, jQuery
- **Testing:** Cypress, Jest
- **Database:** MySQL, PostgreSQL, MongoDB, TypeORM, DynamoDB
- **DevOps:** Docker, Kubernetes, Github, GitLab, Jira, Jenkins
- **Methodology:** TDD, DDD, Agile/Scrum/Kanban, CI/CD pipeline
- **Other:** DataStructure and Algorithm, AWS Lambda, S3, ECS, EC2, SQS, SNS, GCP, Azure, Web3, Serverless Architecture, Microservice Architecture

## EXPERIENCES

---

### Senior Front-end developer (Jun.2021 – Feb.2024)

thoughtbot (New York, US) | Remote

- Participated in **NFT marketplace**, **led** the Front-end developer team of 4 member and contributed to successful launching the project.
- Used **React** on the **SaaS platform** for the project. Optimized API requests using **GraphQL**.
- Designed and developed 10+ small and middle web projects using **TypeScript, React, Vue, Angular, Node.js, and Web3**.
- Utilized **GraphQL** and **React Query** into Frontend application effectively retrieving and managing data from multiple sources, resulting in improved performance and a seamless user experience.
- Improved website performance and **search engine** visibility by implementing server-side rendering

(SSR) using **Next.js**, which optimized initial page load times and enabled more efficient content indexing.

- **Reflected** the existing Front-end architecture of an e-commerce site to **Micro-Frontend**, resulting in improved scalability, enhanced development efficiency
- Implemented the **semantic HTML5** markup, **keyboard navigation** and **sizing option** throughout the project, enhanced the **Accessibility** and **search engine optimization (SEO)** by providing clear and meaningful structure and improving user experience
- Used **TDD** and **DDD** to improve software quality and worked in **Agile** Development, and maintained effective communication in the team going through all phases of **SDLC**.
- **Mentored** junior developers through Pair Programming and comprehensive code reviews to ensure constant team growth and the highest quality of deliverables.

### Front-end developer (Oct.2018 – Mar.2021)

Five Pack (Chicago, US) | Remote

- Led the development of Frontend Application from scratch for Admin Dashboard and Customer Apps using **React.js**.
- Built the static browser-compatible, device-compatible, **SEO** friendly company website using **Tailwind CSS**.
- Spearheaded the implementation of advanced state management solutions using **MobX** and **Redux** in React.js applications.
- Led the integration of **Three.js** library to create immersive 3D visualizations, addressing technical hurdles such as optimizing rendering performance and handling complex scene interactions.
- Implemented and managed a robust **CI/CD** pipeline using tools like **Jenkins**, **Git**, **Docker**, and **AWS**, enabling **seamless integration**, **automated testing**, and **continuous deployment** of software applications across multiple environments, resulting in improved productivity, reduced manual effort, and faster time-to-market.
- Contributed to improved development workflow and productivity by adopting **tRPC** for frontend-backend communication.
- Seamlessly integrated **Tanstack Query(useQuery)** and **Zustand** into frontend applications, enhancing lightweight and efficient communication and state management.
- Passionate about **cutting-edge** technologies and discussed, implemented it with **Team Members** for **UX** application development.
- Participated in hundreds of code **reviews** to ensure code quality.

### Front-end developer (Apr.2016 – Oct.2018)

Bamboo Apps (Tallinn, Estonia) | On-Site

- Optimized front-end performance by implementing advanced **caching strategies**, resulting in reducing maximum of page responding time and increase in overall site speed.
- Built the next version of client web application to add new user designs and features using **React.js**, reducing reported bug issues.
- Created **interactive user interfaces** with Reusable components using React or Angular, Vue.js, resulting in enhanced code maintainability and improved development efficiency.
- Worked with the design team to make visual mockups into **pixel-perfect web pages**, ensuring high fidelity and attention to detail in the implementation process.
- Created a Mobile **Responsive web design** to improve user experience with **CSS Flexbox**, result in increasing the number of 5-star User Experience/User Interface reviews
- Resolved cross-browser compatible and accessibility compliant websites, resulting in faster load time.
- Produced visual elements of web applications by translating **UI/UX** design wireframes into code, producing high quality markup using HTML5 and CSS3.