

# MATIJA OSREČKI

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## WORK EXPERIENCE

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### TheyDo

Frontend Engineer

Netherlands / remote

Jul 2024 – Present

- Led the Design System efforts, driving adoption of our component library across teams, incorporating Radix components and accessibility standards to ensure UI consistency and accelerate development workflows
- Drove efforts to establish robust testing practices across teams, authored unit, component, and E2E tests, significantly reducing regressions, simplifying test maintenance, and enabling frequent deployments
- Collaborated closely with designers to champion consistent UX enhancements, refining critical user flows and interactions that measurably improved product usability
- Owned technical design and project refinement, driving initiatives from planning through execution, presenting technical strategies and trade-offs to stakeholders to guide key product decisions

### Four of them LLC

Frontend Developer

Croatia & Germany / remote

Aug 2021 – Jun 2024

- Developed innovative e-commerce solutions in the pharmaceutical sector, impacting millions of users
- Implemented core functionality for platform reconstruction using Nuxt 3 and TypeScript, including authentication, API response caching, optimistic updates, and server-side rendering
- Led the development of a custom component library leveraging Vue 3, Tailwind CSS and Storybook
- Provided crucial insights in defining project architecture and decision-making phases
- Revamped complex forms and dynamic scheduling features using Vue Composition API
- Took on the creative responsibility of conceptualizing and refining the platform's UI and UX
- Shipped an inventory tracking application for pharmacy suppliers using Vue, TypeScript and Vite
- Built and maintained the critical COVID-19 Vaccine Booking System
- Proactively identified areas for improvement and tackled technical debt

### Infokarta

Frontend Developer

Croatia / remote

May 2021 – Jul 2021

- Developed an interactive web GIS platform enabling local governments to visualize, analyze, and manage spatial data for urban planning, asset tracking, and public services
- Optimized complex SQL queries, significantly improving data processing speed and application performance

## SKILLS

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**Languages & Frameworks:** TypeScript, Vue, Nuxt, React, Node, Bun

**Libraries:** Tailwind, TanStack Query, Apollo GraphQL, Pinia, Zod, shadcn, Radix, Vitest, Playwright, Storybook

## AWARDS & ACHIEVEMENTS

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### Best Project & Best Design

TVZ MC2

2022

Won top honors at Croatia's premier student programming competition, focused on mobile, web, and IoT project development

## EDUCATION

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### Zagreb University of Applied Sciences • TVZ

Bachelor of Software Engineering

Croatia

2019 - Jul 2023

- Competed at multiple student programming competitions
- Secured STEM scholarship in recognition of outstanding performance
- Thesis: Web Application for Personal Finance Management and Achieving Financial Independence
- Cumulative GPA: 4.75/5.00

## PROJECTS

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### Wordware

2024

- Sleek passphrase generator and wordlist manager
- Generates customizable, high-entropy Diceware passphrases with Web Crypto CSPRNG
- Performs detailed wordlist analysis for deduplication, entropy metrics and collision checks
- Built with Nuxt 3, TypeScript, Tailwind CSS and shadcn/ui, with Bun for scripting and code-gen

### Vue Ecosystem Snippets

2023

- VSCode snippets for the modern Vue ecosystem: 35 000+ installs, 5.00 star rating
- Endorsed by the Volar creator and Vue core team member
- 200+ snippets, latest Vue syntax, strategically placed tabstops, auto-generated documentation
- Built with TypeScript, Deno, VS Code API

### Fare

2022 – 2023

- Platform for managing personal finances and achieving financial independence
- Provides monthly historical views, dashboards for net worth, asset allocation, growth and FI-date projection
- Built a custom UI with Uno CSS, leveraged TanStack Query for caching, data synchronization and optimistic updates, utilized Nuxt server routes with Zod and Prisma for a robust API

### Qwiz

2022

- Led a team of three building a platform for pub-quiz creation, organization, and discovery
- Developed public and admin Next.js user interfaces backed by a React Query data layer and Mantine UI
- Implemented a Nest.js + Prisma API on PlanetScale MySQL with role-based access control

### Aimo

2021

- Award-winning social media web app connecting ambitious individuals with accountability partners
- Directed a three-person team, designed a Tailwind UI and shipped a Nuxt PWA with Firebase authentication, data storage and real-time notifications