

# Dmitrijs Petrovs

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[GitHub](#)

Front-end Developer with over 2 years in React.js, Next.js, and TypeScript. I've enhanced e-commerce platforms, improved app speed by 25% with Webpack, and integrated Storybook. I also worked on a Web 3.0 project using Node.js for real-time token pricing and secure transactions.

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## Skills

- React.js , Next.js , Typescript , Javascript
  - Node.js , Firebase , PostgreSQL
  - Redux , RTK Query , React Router , Websockets
  - Jest , Loki , StoryBook
  - Material UI , Tailwind , HTML/CSS
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## Experience

### Front-end Developer

#### IT-INCUBATOR 2022-2024

- Developed a user authentication Modal using React Portals, which improved application performance by allowing better control over its visibility in the DOM.
  - Created a custom classNames library in TS/JS, tested with Jest, to dynamically manage CSS classes and modifiers. This reduced code duplication and simplified the styling process.
  - Implemented multilingual support in the project using React i18n, configuring it to automatically generate and store texts in structured files. This streamlined the process of managing translations within the project.
  - Integrated Storybook into the project for all React components, setting up decorators to manage contexts and styles, which simplified development and testing.
  - Enhanced the application's speed by 25% by configuring Webpack, using Bundle Analyzer to optimise large modules.
  - Set up lazy loading for dynamic component loading, and implementing code splitting, which reduced load times and improved overall performance.
  - Improved SSR rendering in Next.js, optimizing data fetching and caching to boost site speed and SEO, which led to faster load times and better search engine rankings.
  - Implemented the concept feature slice design in a project that has provided modularity into the feature implementation that has enhanced code maintainability.
  - In a decentralised token exchange crypto project, I configured a Node.js server for real-time token price retrieval, using Axios for transaction execution and confirmation.
  - Implemented Web3 integration using the Wagmi library to validate and authenticate wallets in the browser.
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## Projects

### Mi Crypto / [Website](#), [GitHub](#)

A React application with Material UI and Firebase for tracking, swapping, and optimizing cryptocurrency investments. It features portfolio management, real-time tracking, analytics, filtering, and news updates.

**TECH STACK:** JavaScript, React.js, Redux, Node.js, Firebase, Material UI, TypeScript, Axios, Wagmi, Moralis, Chart.js.

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## Education

JUNE 2016

**Computer Science / Rēzekne College, Latvia**

JULY 2020

**Bachelor Computer Science / Riga, Latvia , Transport & Telecommunication University**

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## Languages

English , Russian , Latvian