

# Cvetanka Nechevska

Senior Frontend Engineer

<https://cnechevska.netlify.app/>



I am an ambitious and highly motivated Senior Frontend Engineer with over 5 years of professional experience in developing modern, scalable, and high-performance web applications. My core expertise lies in JavaScript, React.js, and TypeScript, with hands-on experience building and maintaining complex front-end architectures.

Throughout my career, I have contributed to projects across multiple industries, collaborating with cross-functional teams to create well-structured solutions that meet both business objectives and user needs. I am experienced in the full development lifecycle, from planning and system design to testing and deployment.

I am passionate about writing clean, efficient code, optimizing application performance, and ensuring scalability. I thrive in Agile environments and take pride in delivering quality results on time with a strong sense of accountability.

With a commitment to continuous learning and improvement, I stay up-to-date with industry best practices to ensure my solutions are both innovative and robust. My next learning goals include gaining proficiency in Next.js, exploring progressive web apps and advancing my skills in automation testing with Playwright.

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## Education

**Ss. Cyril and Methodius University – Faculty of Computer Science and Engineering (FINKI) - Skopje, North Macedonia**

1. Bachelor of Computer Science and Engineering (2014-2019)
  - *Graduation Thesis: Implementation of a conversation app for Google Assistant using Dialogflow and Node.js.*
2. Master of Science in Software Engineering (2023-Present)

## Employment History

### 1. Frontend Engineer - Slice, Hybrid

*Aug 2023 - Present*

Slice is a product company that helps local pizzerias manage their businesses using web/mobile technologies in the U.S. market. I am currently part of a team working on the Restaurant platform, a React18-based web application that enables pizzerias to manage their business operations, including modifying working hours, updating menus, tracking financial data and managing their Google Business Profile.

- Collaborate with a cross-functional team of 10+ front-end engineers to enhance the platform's functionality, ensuring a seamless and user-friendly experience for pizzeria owners.
- Contributed to designing, developing and maintaining a responsive React18 platform, leveraging TypeScript, React Hook Forms and React-testing-library to build reusable components and ensure high-quality, testable code.
- Reviewed PRs daily, providing constructive feedback to maintain code quality and improve overall project efficiency.
- Participated in sprint planning, contributed to ticket creation and proactively planned tasks, ensuring clear goals and smooth sprint execution.
- Migrating from css classes to make use of ReactAria components as they are built on top of semantic HTML and further ensuring accessibility by providing additional features and behaviors that make web apps more accessible.
- Actively involved in tech debt meetings twice a week, where we strategized on code base improvements, such as refactoring, implementing best practices and updating dependencies (Recent one was migrating to *React18*).
- Integrated key features like financial reporting tools, including profit tracking and visualization using *Nivo* charts, enhancing the platform's value for local pizzerias.
- Enables pizzerias to manage their *GoogleBusinessProfile* directly through the platform, improving customer engagement and streamlining their online presence.
- Contributed to performance optimization, ensuring fast load times and smooth user experience, especially for mobile-first design and responsive layouts.
- Write clean, well-documented code while actively creating tickets/epics and collaborating closely with Product and Design teams to ensure alignment.

**Technologies:** React, TypeScript, JavaScript, TailwindCSS, React-testing-library, Jest, Vitest, Vite, pnpm, Restful APIs, Git Version Control, Conventional Commits and PR comments, GitHub Hooks, Dependebot, Responsive & Mobile-First Design, React Hook Forms, Nivo, ReactAria components, ReactContext, Zod, Tanstack React Query, Tanstack React Router, ESLint, Prettier.

## 2. Frontend Engineer - Symphony, Hybrid

*July 2021 - Aug 2023*

**Project1:** Worked as part of a team responsible for building an SPA used for promoting new songs, albums and artists. My key responsibilities included setting up the micro-frontend architecture, creating reusable React components, and integrating with the back-end using Restful APIs.

- Set up the micro-frontend for different environments and develop dynamic forms with searchable fields, utilizing *ReactHookForm* and *styled-components* with a *Chakra-UI-based* framework.

- Managed the *Redux* store for efficient data persistence across different parts of the application.
- Ensured a high level of test coverage (80%) by writing unit tests using *ReactTestingLibrary*.
- Worked on data management and improved the overall user experience by implementing flexible and user-friendly forms.

**Technologies:** React.js, Redux, TypeScript, React Hook Form, Chakra-UI, styled-components, Restful APIs, React Testing Library, Jest, Git Version Control, yaml.

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**Project2:** Worked with a cross-functional team to build a tool that enables data scientists to manage machine learning pipelines and visualize data. My role focused on building and maintaining the interactive development tool for data visualization and experiment tracking.

- Collaborated closely with the design team to rewrite and standardize the global color structure, achieving a more maintainable system.
- Developed a metrics chart page using *D3.js*, implementing interactive time-series and parallel charts that allow users to compare up to 3 project runs.
- Actively participated in pair programming sessions and brainstorming meetings, contributing new ideas for data visualizations and bug fixes.
- Maintained a structured task board and contributed to code reviews, ensuring code quality and adherence to best practices.

**Technologies:** React.js, D3.js, JavaScript, TypeScript, Redux, Git Version Control, Storybook, CSS-in-JS, npm.

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**Project3:** Worked on a project aimed at helping hospitals and regional managers manage daily tasks more efficiently using a centralized React-based dashboard.

- Developed clean React components that aligned with the design and data structure, ensuring a seamless user experience.
- Collaborated with cross-functional teams to deliver efficient solutions tailored to the needs of hospital managers.
- Focused on creating dynamic components for managing hospital data and visualizing critical performance indicators.

**Technologies:** React.js, JavaScript, TypeScript, React-Router, Git Version Control, Responsive Design, npm.

### 3. Frontend Engineer - Freelance

*Sep 2020 - June 2021*

Worked on the development of a virtual conference platform that launched in January 2021, hosting over 3,000 online attendees from around the world. My responsibilities focused on component architecture, user management, and real-time functionalities, ensuring a smooth and interactive experience for participants.

- Designed and implemented the front-end architecture, focusing on creating clean, reusable React components for the platform, ensuring maintainability and scalability.
- Collaborated with team members daily, working closely with designers, back-end developers, and QA engineers to ensure timely delivery and high-quality standards.
- Led the implementation of user registration and authentication, integrating *Google OAuth* to provide users with a seamless sign-in experience.
- Developed the auto-rerender functionality to efficiently manage dynamic changes across the platform, improving performance and user experience.
- Enabled file upload functionality, allowing users to attach and download local files through different views of the platform.
- Implemented real-time features, including user notifications and WebSocket integration, to notify users of live updates during the conference.
- Managed user roles and rights, ensuring attendees had appropriate access based on their permissions within the conference.
- Created a countdown timer for live sessions and ensured that videos and images for conference booths were styled and displayed correctly.
- Ensured smooth navigation of the platform, including auto-navigation when a conference session was starting.

**Technologies:** React.js, TypeScript, GoogleOAuth, WebSocket, MobX, Git, styled-components, Restful APIs, HTML, CSS, npm.

### 4. Frontend Engineer - Ludo Tech

*Aug 2019 - Aug 2020*

**Project1:** Contributed to a calls-based project where conversations between two people were displayed with spectrum slots. This system dynamically adjusted according to who was speaking and where the sound cursor was positioned. The project helped the company grow rapidly, thanks to the integration of AI, which used sales call data to highlight best practices and replays.

- Designed and implemented the MobX-state-tree structure, aligning it with the database models and stores for efficient data management and smooth state handling across components.
- Developed the sound component using the react-sound module to visualize and control conversation audio in real-time, providing an interactive user experience.
- Implemented dynamic tables with pagination, filters, and search bars to improve the usability and navigation of large datasets.
- Worked closely with the team to ensure the app's functionality scaled as the client base expanded.
- Provided mentorship to new team members, conducting code reviews and ensuring code quality.

**Technologies:** React.js, MobX-state-tree, react-sound, JavaScript, TypeScript, Git, Restful APIs, npm.

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**Project2:** Worked on an internal time-tracking project designed to help teams track tasks on a monthly, weekly, and daily basis. The project included implementing calendar views and precise date management using moment.js.

- Created interactive task views (monthly, weekly, and daily) to help teams visualize and track progress efficiently.
- Integrated calendar functionality and handled date management with moment.js for smooth and accurate date formatting.
- Designed and implemented intuitive user interfaces that allowed seamless switching between different time views and task tracking.
- Collaborated with the team to ensure smooth integration of features and perform ongoing bug fixes and improvements.

**Technologies:** React.js, JavaScript, moment.js, Git, styled-components, Material-UI, yarn.

## Certifications & Conferences

- JSNation - Amsterdam 11June '25
- CIIT: *Presented my first research paper* - Strumica 25Apr '25
- WhatTheStack - Skopje 14Sep '24
- ReactSummit - Amsterdam 2June '23
- WebSummit - Lisbon Nov '21