Rinat Demchenko

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# Summary

Aspiring full-stack developer pursuing a Bachelor’s in Computer Networks. Skilled in React, Next.js, and PostgreSQL, with hands-on experience building and deploying web applications. Eager to contribute to innovative projects while growing my technical expertise through internships.

# Education

**Technical University of Košice**, Bachelor’s degree in Computer Networks Graduation in Jul. 2026

* **Related Coursework:** Database Systems(SQL), Data Structures and Algorithms, Operating Systems, Discrete Math, Numeric Math and Statistics.

**Introduction to React** course by FrontEnd Masters Apr. 2025

**Web developer bootcamp by Colt Steele**: Responsive design, Backend development(Node.js, Express) and Databases Fundamentals

**Introduction to web development**: course by GoITeens: HTML, CSS, Javascript and Web-design fundamentals

# Experience

Aug. 2024 - Jan. 2025

Sept. 2020 - Feb. 2022

**Web Development Intern (Part-time)**, Alexia LLC USA 2024 – 2025

* Delivered 15+ customized WordPress websites for for small businesses and e-commerce clients, focusing on responsive design, user experience, and content optimization.
* Optimized a client website using techniques like caching, CDN, and and WebP image compression, achieving decrease in load time by 60% and page size by 75%

# Projects

**Location-based POI Finder** [View on GitHub](https://github.com/RinatDemchenko/Mapsy)

* Built a location-aware web app to search for nearby points of interest using React, Typescript, Tailwind CSS, Express, and MongoDB.
* Integrated Mapbox and Geoapify Places API for dynamic geolocation and interactive map rendering.
* Implemented server-side caching with Redis to reduce API calls and improve response time by up to 80%.

**Ingredient-Based Recipe Finder** [View on GitHub](https://github.com/RinatDemchenko/ReciPeak)

* Developed a responsive recipe search tool using React, JavaScript, and Tailwind CSS, allowing users to find recipes based on available ingredients.
* Utilized a third-party REST API to fetch and filter recipe data.

**Hotel Listing & Booking Platform** [View on GitHub](https://github.com/RinatDemchenko/RoomRiser)

* Developing a full-stack hotel posting and booking platform using Next.js, TypeScript, and Tailwind CSS.
* Implemented user authentication, session handling and a role system with Auth.js.
* Designed a PostgreSQL database via Prisma ORM.

# Skills

**Programming Languages:** Javascript, Typescript, SQL, HTML, CSS.

**Technologies:** React, Next.js, Express.js, PostgreSQL, Prisma, MongoDB, Tailwind CSS, Figma, Git, WordPress.

**Languages:** English, Ukrainian, Russian, Slovak.

**Hobbies:** Chess([2000 peak rating on chess.com](https://www.chess.com/member/rinatdem)).