# Minsu Kim

Experienced Full-Stack Developer with 2 years in web development, skilled in Laravel, React.js, and .NET. Proven track record in optimizing performance, creating RESTful APIs, and ensuring web accessibility. Committed to delivering exceptional user experiences and solving complex technical challenges.

## Experience

### Laravel Full-Stack Developer at OAP (Remote)

December 2024 - present

- Participated in legacy system rebuilding: frontend development based on React, Next.js, and Redux, and database migration using Python → Extracted meaningful data and redesigned the schema from over 100 denormalized tables
- Applied SSR and CSR separation strategies to optimize SEO and improve initial rendering speed.
- Implemented infinite scrolling, data caching, mutations (data updates), and pagination using react-query to enhance UX and network efficiency
- Built JWT-based authentication system and developed a standalone module exclusively for shop managers
- Set up CI/CD automation environment using GitHub Actions and AWS EC2

### Laravel Full-Stack Developer at OAP (Remote)

March 2022 - December 2024

- Collaborated with cross-functional teams to design and maintain web applications using Laravel, PHP, HTML, CSS, and JavaScript.
- Implemented fuzzy searching using PostgreSQL Trigram and indexing with similarity queries.
- Created RESTful APIs with Laravel Sanctum for user authentication in a SPA map application and differentiated authorizations for various user subscriptions.
- Improved application performance and user experience by optimizing database queries and reducing page load times.
- Ensured code quality and reliability through comprehensive unit and integration tests using PHPUnit.

### Full-Stack .NET Developer at Toronto District School Board (Remote)

September 2020 - April 2021

- Played a crucial role in ensuring web accessibility by remediating pages that did not meet WCAG and AODA compliance standards.
- Leveraged DotNetNuke and .NET technologies to identify and address accessibility issues in web applications.
- Developed custom code solutions to search for and delete files within the database, following AODA compliance requirements.
- Collaborated closely with a development team to implement accessibility best practices in both frontend and backend development.
- Conducted thorough accessibility audits and testing to identify areas of improvement and ensure compliance with WCAG and AODA standards.

## Project

### Car Rental Web Application

C#, .NET, SQLite, Playwright

Developed a robust Car Rental Web App with a strong foundation including a well-defined database schema. Collaborated effectively in an Agile team and implemented RESTful APIs with integration tests using Playwright for reliability.

### Cleantopia Excel GUI Converter

C#, Winform

Designed a user-friendly Windows Forms application to efficiently transform Excel files. Conducted client consultations for clear requirements, resulting in an intuitive graphical user interface.

### Ecommerce Webpage

JavaScript, Express, MongoDB

Developed a responsive ecommerce platform using Node.js and Express. Utilized the MVC design pattern with Handlebars, and integrated third-party packages via NPM. Connected to a MongoDB database using Mongoose for CRUD operations. Implemented session-based middleware for secure authentication and authorization.

## Details

Toronto, ON

Canada

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## Links

Portfolio

LinkedIn

GitHub

## Education

### Computer Programming Analysis

Seneca College, Toronto

2019-2022

## Core Values & Skills

- Communication, context, and radical candor
- Failing, learning, reading, and growing
- Planning, organizing, and scheduling
- Metrics, observability, and Performance

## TECH & METHODOLOGIES

PHP / Laravel / JS / React.js / Next.js / C# / ASP.NET

PostgreSQL / MySQL / NoSQL

AWS / CI+CD / CLI

RESTful API / OOP / SOLID

Agile / Kanban/ Jira / Trello / Git