

Mirim Kim

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TECHNICAL SKILLS

Programming Languages	C#, Python, React, TypeScript, JavaScript, HTML, CSS, Java, Material UI(MUI), Dart
Framework	.NET, ASP.NET, Next.js, Django, Flutter
Database	PostgreSQL, MongoDB, DynamoDB, AWS S3
Cloud Service	AWS, Azure, Docker, Supabase, Firebase
Testing	Selenium, JUnit, NUnit, Postman
Tool	Git, Azure DevOps, Jira, Figma

WORK EXPERIENCE

- Software Developer**, Pacemaker, Toronto, Canada Sep 2024 – Present
- Architected a full-stack mentoring and event platform utilizing **React**, **Next.js**, **TypeScript** and **Material UI(MUI)**.
 - Designed and implemented a complex database schema with comprehensive data modeling and **RESTful API** using **Django**, developing a secure user authentication workflow with role-based access control.
 - Led project management using **GitHub Projects** with **Agile** methodology, successfully optimizing team productivity and increasing sprint velocity by 30%.
 - Demonstrated strong **problem-solving skills** and **detail-oriented** approach by systematically diagnosing technical challenges and implementing effective solutions that enhanced overall system performance.
- Mobile Application Developer**, Sport Manager, Zwolle, Netherlands Feb 2023 – Jun 2023
- Developed a scheduling mobile application for football teams, from scratch for both iOS and Android, using **Flutter** and **Firebase**, successfully meeting client requirements and ensuring timely delivery of the project.
 - Managed the entire project lifecycle using scrum **Agile** methodology, leading regular sprint meetings, which resulted in a 20% improvement in task completion efficiency and team productivity.
 - Conducted **user analysis** for targeted end users, identifying key features that increased user satisfaction by 50%.
 - Authored **project management documents** with business analysis and presented them at the innovation fair.
 - Provided strategic feedback and ideas that were incorporated into the final design and development stages.
- Software Developer**, Alpha Labs, North York, Canada May 2022 – Dec 2022
- Collaborated with a cross-functional team to diagnose and resolve issues, leveraging **Java**, **C#**, **ASP.NET**, **MVC**, and **Azure DevOps** to implement updates that improved system performance by 25% and optimized load times.
 - Developed a comprehensive testing suite comprising over 150 test scripts using **NUnit**, **JUnit**, and **Selenium**, achieving an 95% test coverage and successfully reducing production-level bugs by 30%.
 - Designed and authored structured **project documentation**, enhancing team operational efficiency by 20%.
 - Leveraged advanced **communication** and **organizational skills**, facilitating seamless **cross-team collaboration** and streamlined **team workflow** and project execution.

PROJECT

- Car Auction Service** ([GitHub](#)) Jul 2024 - Aug 2024
- Architected and implemented a microservices architecture utilizing **C#**, **.NET** and **Docker**, designing services to optimize modularity, maintainability, and scalability, laying a foundation for future system expansion.
 - Developed a frontend using Next.js and implemented a comprehensive data management strategy with **PostgreSQL** and **MongoDB**, resulting in a 30% enhanced overall application responsiveness.
- Fragments Microservice** Sep 2023 – Dec 2023
- Utilized **AWS EC2** to deploy **Docker** containers and set up container registries, resulting in a 40% faster deployment time compared to previous methods.
 - Stored various data types in **AWS DynamoDB** and **AWS S3**, enabling sign up and sign in through **Amazon Cognito**, which improved user onboarding speed by 30%.

EDUCATION

- Computer Programming and Analysis**, Seneca Polytechnic College, *Advanced Diploma* Sep 2020 – Dec 2023
- Exchange Student**, Windesheim University of Applied Sciences, Zwolle, Netherlands Feb 2023 – Jun 2023