

Yoori Lee *Full Stack Web Developer*

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SUMMARY

Experienced software developer with 3+ years of expertise in React, Node, and TypeScript, applying quantitative and analytical techniques to solve complex problems effectively. A strong team player with a proven track record in project delivery and client satisfaction. Committed to continuous learning and staying up-to-date with modern web development trends.

SKILLS

Front-end — JavaScript, TypeScript, React.js, HTML/CSS

Back-end — Java (J2EE), C, C++, Node.js, Next.js, Spring Boot, Python

Database & Cloud — Oracle, MSSql, PL/SQL, PostgreSQL, MongoDB, Microsoft Azure

PROFESSIONAL EXPERIENCE

Programming Tutor, Self Employed Sep 2022 – present | Toronto, Canada

- Designed and structured a 12-week intensive algorithm tutoring program, focusing on problem-solving techniques such as sorting, dynamic programming, DFS/BFS, and greedy algorithms.
- Conducted one-on-one and group training sessions on C, C++, and Java, covering essential Object-Oriented Programming principles such as encapsulation, inheritance, and polymorphism.
- Guided students in implementing design patterns and adopting best industry practices, equipping them with debugging methodologies, performance optimization strategies, practical coding techniques for real-world software development and providing mentorship to enhance their understanding and technical skills.

Full Stack Developer, Innovative Information Technology Dec 2018 – May 2021 | Seoul, Korea

Web Application Development (In-house development)

- Led the development of a customized web-application for an external vendor which replaced their subscription, reducing annual software expenses by 33%.
- Used Java, Oracle, and JavaScript and played a key role in system architecture planning, data migration, and database structuring, ensuring seamless scalability and performance.
- Implemented a secure payment gateway (credit card & e-Transfer) for a system hosting over 2,000 users, optimizing security and cost efficiency through a comprehensive assessment.
- Developed detailed technical documentation, including system architecture blueprints and performance dashboards, ensuring stakeholders had the necessary insights for data-driven decision-making.

Enterprise Resource Planning (ERP) System Development (System optimization)

- Orchestrated a major database architecture redesign, optimizing MSSQL stored procedures and restructuring schemas and improving scalability, leading to a reduction of query execution times by 60%.
- Leveraged Test-Driven Development (TDD) and A/B testing frameworks accelerating deployment cycles and ensuring system stability, efficiency, and reliable performance.
- Collaborated closely with clients to design and implement new business logic and UI/UX functionalities, ensuring their specifications were met while actively contributing to interface design, feature development, and system optimization to enhance the overall user experience.
- Optimized the company's in-house version of "Workday" which allowed a deeper analysis of employee performance. Using the Agile development cycle, I conducted a detailed performance analysis and gathered user feedback to merge datasets and build adaptable viewing models.

Bookkeeper, Daeheyoung Construction Inc. Oct 2016 – Oct 2018 | Daejeon, Korea

- HR admin & Bookkeeper at Daeheyoung Construction, focusing on wage distribution & tax paperwork.

EDUCATION

Seneca Polytechnic, Computer Programming Diploma 2022 – 2024 | Toronto, Canada

Winter 2023 & Summer 2023 & Fall 2023 President Honour's list GPA 4.0

Seoul Women's University, Business Administration 2008 – 2013 | Seoul, Korea