**Cheol Hwang**

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**PROFESSIONAL SUMMARY**

A software engineer aspiring to contribute to a better world. I take pleasure in creating results and find fulfillment in delivering value to users through my work.

**EXPERIENCE**

**Software Engineer 05/2020 – 05/2023**

**Changshin (NIKE OEM), South Korea**

* Spearheaded a document management project, prioritizing user-centered design. Innovated the document sharing process and **cost savings of $240,000** through in-house development.
* Implemented continuous deployment, automated testing, and code review processes, fostering a collaborative culture with team members, and contributing to improved quality standards.
* Enhanced the performance of a REST API for parsing complex Excel file contents. Analyzed bottlenecks, implemented caching, resulting in a **90% reduction in processing time**.
* Analyzed customer requirements and developed prototypes, applying agile methodologies to swiftly address customer needs.

**Software Engineer 04/2019 – 05/2020**

**Sejung, South Korea**

* Developed scripts to install DevOps tools (Gitlab, Redmine, Jenkins) on Linux, contributing to software management and quality enhancement.
* Developed a KPI management program, overseeing the data encryption process and contributing to the creation of a reliable competency assessment program.

**Software Analyst 01/2013 – 08/2018**

**LG, South Korea**

* Analyzed http requests to identify system bottlenecks. **Improved performance by over 50%** through query tuning and data caching for enhanced efficiency.
* Maintained ATM management system, handling tasks from requirement analysis, design, development, debugging, refactoring, and deployment for uninterrupted system operation.
* Developed a software for continuous deployment, **reducing the potential for human errors** in the deployment process and disseminating it to colleagues.
* Developed REST API for communicating with other services, enabling the operation of a Microservices architecture-based service resilient to outages.

**SKILLS**

Java (Spring), C# (.Net Framework), Go, JavaScript (jQuery, NodeJS, React), Oracle, MSSQL, NoSQL

**EDUCATION**

**Bachelor’s Degree, Computer Engineering 02/2013**

Chonnam National University, South Korea

**CERTIFICATIONS**

* **AWS Knowledge: Cloud Essentials**, AWS **2023**

**AWARDS**

* Best Employee of the year, Changshin INC **2023**
* 3rd Place, Algorithm Competition, LG CNS **2018**