Sihun (Bobby) Kim

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Summary	Relevant Skillset
Frontend Developer with a passion for web optimization and continous learning. Adept at communicating with non-technical audiences (clients and vendors). Overhauled a struggling company website, converting it from a financial burden to a steady source of income for the company. Graduated from Purdue University with a degree in Industrial Engineering, fluent in Korean and English, and does not need visa sponsorship.	•HTML/CSS/JavaScript/React/VueJS •Page responsiveness & load optimization •Version control & collaboration with team •Time and project management

Technical Skills

Frameworks and Languages:	NextJS, NodeJS, Python, C, MATLAB, R, Visual Basic
Office Software:	Word, Excel, PowerPoint, Outlook, G-suite (Gmail, Google Drive, etc.)
Platforms:	Windows, Linux, Windows Server, WordPress, Strapi
Graphic Software:	Adobe Creative Cloud

Professional Experience

Korea Times-Chicago, Glenview, IL   September 2018 – April 2021
Web Administrator/IT Technician

- Optimized company website based on user feedback, resulting in 300% improved page loading speed and over 100% page views increase.
- Created a remote working protocol and data-sharing network that smoothened the transition to virtual work due to COVID-19.
- Upgraded computers with budget friendly and high-performance hardware, saving the company $2,000 in computer replacement costs.
- Collaborated with vendors to acquire software for an interactive e-newspaper, increasing subscribers and ad revenue by 200%.
- Assisted current employees and mentored new employees with software/hardware, always resolving technical issues in the same day.

Purdue University Mechanical Engineering Department, West Lafayette, IN   August 2014 – August 2015
Computer Consultant

- Facilitated software/hardware resources and resolved urgent technical problems, allowing students to complete their projects on time.
- Performed preventative equipment maintenance to guarantee the readiness of at least 90% of the computers and tools at any time.
- Reported critical malfunctions and scheduled emergency maintenance to restore operations in laboratories with minimal disruption.

Republic of Korea Army, Incheon, South Korea   September 2010 – June 2012
Sergeant of 17th Infantry Division 103rd Airborne Brigade 3rd Security Corps

- Directed a mobilized infantry squad that ensured the security of participants in the Seoul Nuclear Security Summit 2012.
- Led 8 to 10 personnel as squad leader to secure the perimeters of Seoul International Airport, 0 security breaches occurred.

Relevant Projects

Manguito Page   August 2021 – September 2021
Personal Project

- Built full stack MERN website to post about my pet bird Manguito with CRUD operations, with cloud image storage integrated.
- Updated the website design with better mobile responsiveness, and optimized website to ensure better performance.
- Toolset: React, Express JS, Mongoose, REST API and Tailwind CSS.

Mango Planner   August 2021
Personal Project

- Worked on making planner web application using MERN stack, with addition of integrated weather widget and dark mode.
- Maintained, troubleshooted, and improved website performance continuously.
- Toolset: React, Express JS, Mongoose, REST API and Tailwind CSS.

Computing in Industrial Engineering Project, West Lafayette, IN   January 2017 – May 2017
Database Developer

- Populated a database with SQL and an in-house Entity Relationship (ER) diagram, resulting in an easily retrievable dataset structure.
- Collaborated in a Monte Carlo simulation of a trucking company that yielded a comprehensive risk assessment of their daily activities.
- Presented user-friendly results on a project website by generating SQL queries that retrieved appropriate data based on user input.
- Toolset: SQL, R, Python, HTML, CSS

Education

Purdue University, West Lafayette, IN   May 2018
Bachelor of Science in Industrial Engineering

Relevant Coursework: Probability and Statistics in Engineering I & II, Computing in Industrial Engineering, Programming Application for Engineers.

Interests

Personal: Cooking, hiking, videogaming and snowboarding.   **Professional:** React, VueJs, Tailwind CSS.