WONKI HWANG

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Summary

Experienced Software Developer with a strong background in full-stack web application development. Skilled in utilizing a diverse range of programming languages including Java, Java Spring Boot, JavaScript, AngularJS, Vue.js, Python, and more. Demonstrated success in improving project efficiency and optimizing user experiences through innovative solutions and collaborative teamwork. Excited to leverage technical expertise and creative problem-solving skills to drive technological advancements in dynamic development environments.

Technical Skills

- **Front-end**: HTML, CSS, JavaScript, jQuery, JSP, Vue.js, Angular, AngularJS, React
- **Back-end**: Java, Spring Boot, Python, Nodejs, C++, Restful API
- **Tools**: Docker, Git with CI/CD pipelines

Soft Skills

- Problem-solving, Multitasker, Quick learner, Team player, Creative, Time management

Experience

Full Stack Software Developer, Bell Canada, Toronto August 2022-November 2024

- Developed robust full-stack web applications using Java, Spring Boot, AngularJS, Vue.js, Python, HTML and CSS, and implemented efficient and scalable solutions to improve operational efficiency
- Accelerated web application deployments by implementing a fully automated CI/CD pipeline with GitLab and Docker
- Collaborated within small teams to meet stakeholder requirements, ensuring successful project delivery
- Successfully resolved complex technical issues and incidents affecting legacy applications, minimizing downtime and business impact
- Supported mentees in internship to improve their technical skills, fostering a culture of continuous learning within the team

Software Developer (Contract, full-time), Bell Canada via CareerEdge, Toronto March 2021-August 2022

- Played a key role in ensuring the successful completion of numerous tasks for internal-use applications
- Performed quality assurance testing to discover errors and optimize usability

Software Developer (Contract, part-time), Records of Early English Drama (REED) UofT, Toronto 2021-2022

- Improved existing website by adding more filters and features, and adjusting the design perspective
- Analyzed and leveraged code already written by others
- Collaborated with stakeholders to ensure project requirements were met within the specified timeframe

Freelancer, Cho Orthodontics, Richmond Hill 2020

- Developed a fully responsive website using HTML, CSS, Bootstrap, JavaScript, and PHP
- Gathered and analyzed stakeholder requirements to ensure the website met business objectives
- Proactively managed time to consistently meet deadlines
- Provided timely and effective technical support, resolving issues and ensuring a positive user experience

Programmer Co-op, Airway Interline, Mississauga August 2018-April 2019

- Completed detailed programming and development tasks for front end public and internal websites using JavaScript, jQuery, Ajax, HTML5, CSS, and Bootstrap and challenged back-end server side using PHP/SQL
- Collaborated with team members to create clean interfaces and simple, intuitive UX
- Developed project concepts and design

Education

Seneca College, Computer Programming and Analysis Diploma, Jan 2017-August 2019, Toronto

- Graduated with a 3.7 GPA (out of 4.0) and gained practical experience in object-oriented programming (Java, C, C++), web development (HTML5, JavaScript, TypeScript, SQL), and problem-solving through coursework involving design, analysis, implementation, testing, and debugging.

Sheridan College, Computer Animation Graduate Certificate, graduated April 2007, Oakville

Sheridan College, Classical Animation Diploma, graduated April 2005, Oakville

Projects

Emergency Location Retrieval System, 2023-2024 (Internal)

- Developed a full-stack web application for retrieving location of a person in emergency by the phone number using AngularJS and Java Spring Boot
- Integrated third-party APIs for getting geo information and carrier providers
- Leveraged existing internal PSAP information website to implement the application

Records of Early English Drama (REED), 2021-2022 (https://ereed.library.utoronto.ca)

- Addressed stakeholder requirements for the "Search the Records" page by adding new filters and features, and adjusting the UI design
- Modified existing HTML, JavaScript, and CSS code to resolve issues and improve overall page functionality

Cho Orthodontics Website, 2020 (https://choyoursmile.com)

- Planned, designed and developed the responsive website that introduces the business (orthodontics) using HTML, JavaScript, CSS, Bootstrap, and PHP
- Developed the complete website including photography, graphic design, and user experience considerations

Airway Interline Operation Web Application, 2019 (Internal)

- Planned, designed and developed front-end of the application that initiates, controls, deletes the operation due to airline cancellation/misconnection using HTML, JavaScript, and PHP
- Created validation for all process for handling passenger's personal information

Airway 2rs and Travel Website, 2018 (https://www.airway2rs.com)

- Designed and developed front-end of the website that introduces the list of tour packages using HTML, Bootstrap, CSS, JavaScript, jQuery and JSON
- Contributed to an enhanced user experience by creating and retouching unique visuals for the website

Interests / Activities

- Music | Traveling | Web savvy | Sports (basketball, baseball, table tennis, bowling, billiards)
- Volunteering: Haiti/Dominica mission (2013)