

Applying for Junior Developer at your Company

Dear Hiring Manager,

I am applying for the Junior Developer position for your company as advertised. I graduated from professional training at BCIT with a diploma in Computer Information Technology. I have an interest in software development, and I am looking for a position that will provide a challenge and a career job.

BCIT's intensive diploma program has provided me with industry-specific skills that can be applied immediately at your company. The program has included courses in CI/CD pipeline, agile project management methodologies, data analytics, cyber security, writing imperative bash scripts to provision service, and developing microservices and testing RESTful APIs. Although a majority of the work in these courses are completed independently, many labs and projects have a heavy focus on teamwork and collaboration.

There are 2 practicum experiences during the BCIT program, which were 15 weeks duration each practicum with weekly feedback from real clients, supervisors, or instructors. Under the agile methodology, the team and I built the software application, and in order for implementing the results, we went through discussed enough time clients' demands, technical support, technical issues, and possible solution. During the projects, I mainly took part in development support, error fixing, and application testing. As a result of that, I could get the knowledge of how it is important readable coding skills and the development process of what I need to do at each stage. In addition, most individual projects during the BCIT program have focused on SaaS environment. The final purpose of the project was to implement it as a service such as the backend, frontend, and database. In this environment, Docker, Ansible, and other cloud computing services were mainly used for it. I learned important interconnections between those such services. Overall, through my past experiences, I got an understanding of each service's process and got a strong concept of the development process.

Lastly, my previous work experiences have taught me the importance of team players with regard to the overall success of a team. This especially became apparent during my time in the army in South Korea as the officer had a lot of responsibilities to fulfill. I was required to carefully manage the unit of over a hundred soldiers, and with the cooperation of other departments I was successfully carried out the tasks and training. Good cooperation, teamwork, and leadership were the keys to accomplish my military life with great efficiency.

I appreciate your consideration and hope that my skills and experience align with your needs. And I look forward to any opportunity to show you how I can be of assistance in your company. I have attached my resume and would be happy to provide any additional information you might need, please contact me with my e-mail at ryancho.hakhyeon@gmail.com or phone call 604.349.8194 or you can check my information simply at <https://ryanchoportfolio.netlify.app/>.

Sincerely,
Ryan Hakhyeon Cho.


Skills Summary

- **Programming languages** : Python, JavaScript
- **Frontend / Backend** : React, Angular, Node.js, Express.js, MySQL, MongoDB, Flask, Data Analysis
- **Other tools**: Ansible, Docker, kubernetes, AWS, Azure, Ubuntu, Jenkins, Jira, python libraries
- Understanding of various sorting and searching algorithms in order to figure out the variety of cases.
- Passionate learner, well-organized planner, and positive attitude demonstrated through past challenges in order to be better than before.

Projects


Singular Hearing, BCIT Practicum

Sep. 2021 - Dec. 2021

- A 5-sprint client project for BCIT, ISSP(Industry Sponsored Student Project) Practicum 
- Tools: JavaScript, Linux-Anaconda, Git, Network
- Improved the back-end more robust by the port-specific and the web server such as Nginx.
- Developed features - Added various modes selection, Added a progress bar when the audio file is denoised, Displayed each type of denoised audio result that is downloadable, and Compared them with the original file.

City Studio Vancouver, BCIT Practicum

Jan. 2021 - Apr. 2021

- A 5-sprint client project for BCIT, ISSP(Industry Sponsored Student Project) Practicum 
- Tools: Python, APIs, JSON, Open Database, Excel
- Built an application for collecting data
- Implemented each city's APIs which are given to grab published data.
- Saved all collected data into an Excel file sequentially by year and location.

The CI/CD Environment System Design and Provisioning

Jan. 2021 - Dec. 2021

- Tools: Jenkins, Gitlab, Docker, kubernetes, Azure, Linux-Ubuntu, Python
- Designed the CI/CD environment system through GitLab and Jenkins.
- Implemented real-time notice using Discord.
- Implemented a common CI/CD environment in multiple projects which is completely separated.

Developing Application and Data Analysis

Sep. 2020 - Dec. 2021

- Several flash games with MVC framework for youth in Python and JavaScript.
- Designed object-oriented structure in order to develop an application such as audio library and etc.
- Scraping data from general website by using crawling Python libraries to analyze prices and etc.
- Visualized and determined the prediction from organized datasets - Python libraries, Tableau, etc.

Education & Certification

AWS Certificated Cloud Practitioner Foundational Certification - Oct. 2023 

FreeCodeCamp Certification

- Scientific Computing & Data Analysis with Python & JavaScript Algorithms and Data Structures

Computer Information Technology Diploma, British Columbia Institute of Technology - BCIT

- Relevant Courses:
Object Oriented Programming, Database Systems, Applied Algorithms, Developing web applications, Enterprise System Integration, Data Analytics, Provisioning, Service Based, Cloud Computing.

Computer Software Development Bachelor, Semyung University, Korea(Republic of)