

MUNEER ABBAS

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Professional Summary

Accomplished Software Engineer with expertise in front-end and back-end development, currently leading a team at Dtonic Corporation. Promoted to Group Leader within a year due to exemplary performance. Demonstrated ability to develop core components of flagship products, generating approximately 80% of company revenue. I studied Computer Engineering under the prestigious Korean Government Scholarship. Recognized for strong problem-solving skills, adept time management, and effective mentorship. Continuously learning new technologies to stay current with industry advancements.

Work History

Dtonic Seongnam, South Korea
Software Engineer. February 2022 – Present

- Leading a group of 5 programmers as a Group Leader, overseeing their work and ensuring timely completion of projects.
- Developed the core part of the company's main product, generating approximately 80% of the company's revenue.
- Implemented a web app for an ML model, enabling users to train and predict the model and visualize results in real-time.
- Developed and deployed a data platform for top Korean retailers like Lotte, LG, etc. increasing processing efficiency by 30%.
- Improved software by optimizing queries and implementing caching mechanisms with Redis, resulting 25% reduction in load times.
- Contributed to the successful launch of multiple software products through cross-functional collaboration in design and development.
- Built containerized web servers and load balancers using Docker, improving efficiency and scalability by 40%.
- Automated testing scripts, reducing testing time by 50% and improving product quality.
- Actively contributed to code reviews and mentored junior team members, reducing code defects by 35%.
- Utilized RabbitMQ for message queuing and handling asynchronous tasks, enhancing system reliability and performance.

Korea Institute of Science and Technology (KIST) Seoul, South Korea
AI Research Intern. June 2021 – August 2021

- Translated t-SNE code from Python to CPP, resulting in improved performance and faster execution of the algorithm.
- Created visualizations of deep learning models using CNN to provide insights into the feature extraction process.
- Designed and executed experiments to evaluate the effectiveness of different AI models on a variety of data types.
- Optimized CNN accuracy on diverse datasets such as MNIST, Iris, and Fashion MNIST, etc. through meticulous experimentation.
- Participated in team meetings and provided insights on project progress and future directions.

Elevisor Daejeon, South Korea
Java Developer Intern. June 2020 – August 2020

- Developed new features for WAS applications, and conducted thorough testing to ensure optimal functionality.
- Assisted in the development of software documentation, including user manuals and technical specifications.
- Debugged and corrected bugs with the advisory of senior developers.
- Worked closely with senior developers to understand project requirements and ensure timely delivery of tasks.
- Utilized Agile methodologies to manage project tasks and ensure effective communication within the team.

Education

Pai Chai University (GKS Scholar) Daejeon, South Korea
BS Computer Engineering. March 2018 – December 2021

- **Relevant Courses:** Discrete Mathematics, C/C++/Java/Python Programming, Web Development, Data Structure, Database, Android Programming, Windows Programming, Embedded Programming, Operating Systems, Linux System, Network Programming Artificial Intelligence and Machine Learning.
- **GPA:** 3.92/4.50

Skills and Interests

- **Programming Languages:** Java, Python, HTML, CSS, JavaScript (ES6), C/C++, C# (Most to Least Proficient).
- **Libraries/Frameworks:** Vue.js, Node.js, Express.js, React.js, TensorFlow, Keras, NumPy.
- **Version Control:** Git, GitHub.
- **Database:** PostgreSQL, MySQL, MongoDB, Mongoose, Oracle.
- **Interests:** Minimalism, Books, Photography, Travel, Hiking, Movies, Cricket.
- Fluent in Urdu/Hindi, English and Korean.

Projects

CODEIT

HTML/CSS/Bootstrap, JavaScript, Node.js, Express.js, MongoDB

A platform for programmers to hone their skills by solving coding challenges by other friends and peers. Programmers can boost their skills and unleash their creativity by creating and sharing their own coding challenges with other users. [Project Link](#)

RUNNING DATE

C#, SQLite, Naver Rest Api

An application to predict the screening period of newly released movies.

[Project Link](#)

LED LIGHTS

Arduino, C

An application to detect a person's movement and turn on the LED of person's choice of color and automatically turns the LED off if there is no movement for a minute.

SMASH-K

Java, Android Studio, Material UI, Maps

An android application to share your location with your friend and notify you when friends are near each other.

SELLABUY

HTML/CSS/Bootstrap, JavaScript, Node.js, Express.js, MongoDB

An online platform that connects university students who want to buy and sell used academic materials such as books and notes within their department and helps them save money and time.

Awards

KGSP (Korean Government Scholarship Program) Scholar 2017

Korean Government.

Awarded the prestigious Korean Government Scholarship Program (KGSP) by the Korean Government as one of the 25 international students from 35 countries. This program enables outstanding international students to pursue advanced studies in undergraduate/graduate programs at top-tier educational institutions in the Republic of Korea.

Daewoong Global Scholar 2021

Daewoong Pharmaceutical.

Recognized as a Daewoong Foundation Scholar for being one of the top international students studying in South Korea with outstanding academic performance and leadership skills. Received financial support and mentoring opportunities to pursue my educational goals and contribute to social value creation through networking and community service. Participated in various projects and events to promote cultural exchange and social innovation among diverse groups of students and professionals.

UST Global Research Interns 2021

University of Science and Technology (UST).

UST Global Research Internship aims to provide talented international students with opportunities to experience the unique education system of UST centered on field research by participating in the research project as an intern.

Programming Competition 2020

Pai Chai University.

Won the first prize in a competitive programming contest that challenged students to solve a complex problem with given constraints using efficient and elegant code.

References

- Professor Kyounghee Lee
Department of Computer Engineering of Pai Chai University.
- Professor Shim Jae Wan
Korea Institute of Science and Technology (KIST).

 Email

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