Firibu Anyass

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Skills

- Java | Spring Framework | JavaScript | TypeScript | Elastic Search | Solr | MongoDB | SQL | Node | Express | React | Vue | Redux | jQuery
- AWS | CI/CD (Git | Gitlab | Jenkins) | Jest | Unit Testing | OOP | Alfresco & OnlyOffice Opensource
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Korean, Hausa, Twi – All professional proficiency or above

Experience

Software Engineer — Argonet — *Daejeon, South Korea* — **02/2022 - now**

- Proficiently developed and maintained **Spring** projects at Argonet since February 2022. Demonstrated expertise in implementing business logics and integrating Alfresco for seamless document management.
- Led the upgrade of the existing Alfresco software's SDK(5.2 ~ 7.2), effectively enhancing its functionality and usability for the company. This involved actively troubleshooting and debugging issues, and migration of alfresco data into new dockerized features.
- Implemented **Docker-based installations for Alfresco and Solr search**, streamlining deployment processes and improving scalability. Utilized containerization to ensure consistent and efficient setups across projects, contributing to easier maintenance and faster development cycles. Additionally, built microservices for various projects, demonstrating versatility in designing and implementing scalable and modular architectures.
- Led the integration of **Onlyoffice** open source document editing features into existing spring projects and **alfresco SDK** (7.2).

Software Engineer, Intern — Argonet — *Daejeon, South Korea* — **07/2021 - 02/2022**

- Successfully integrated Alfresco Open Source into customer projects, streamlining document management processes and facilitating seamless collaboration. Leveraged Alfresco's features to ensure secure document storage, version control, and efficient document retrieval, enhancing productivity for clients.
- Actively contributed to software development projects as an intern at Argonet, specializing in the Spring framework.
- Actively participated in Solr configuration, indexing, and query optimization, contributing to improved performance and relevancy of search results.

SW Hackathon, Participant — AI-Software Hackathon — *Daejon, South Korea* — **01/2021 - 01/2021**

- Participated in the AI-Software allocated Universities Hackathon (SW Hackathon) in early 2021, collaborating with a diverse team of students from different universities. Served as the front-end developer and assisted in team leadership responsibilities
- Developed "ClippingCliff," a program designed to assist English learners by storing and retrieving relevant video clips based on user-searched vocabulary. This innovative approach facilitates easy memorization and practical application of English words through visual examples.
- Successfully completed the project within a tight deadline of three days, demonstrating strong teamwork, problem-solving, and adaptability skills. The project's code can be found at GitHub

Software Engineer, Intern — Elivisor — *Daejeon, South Korea* — **06/2020 - 03/2021**

- WAS monitoring SecureLogic: Web application security transaction monitoring (Coffeescript & Java)
- Proficient utilizing ElasticSearch and Kibana to generate informative graphs and visualizations for web application log data analysis.
- WAS-DB Integration Analysis: Analyzed performance information of WAS-DB-OS. Automated collection and mapping of integrated information from a service perspective.
- End-to-End Monitoring: Monitored response times of all services, including web browsers,WAS,DB and Backend transactions.
- Access Control and Security Audit: Managed user access control, permissions for user-specific control,configurations, and service information retrievals.

Education

Bachelor of Science — PaiChai University — *Daejeon,South Korea* — **02/2018 - 02/2022**

- Computer Engineering   GPA (4.14/4.5)

Certificate in Language — Kyunghee University — *Seoul,South Korea* — **02/2017 - 01/2018**

- Korean Language and Culture (Honors)

High School Diploma — Hanover High School — *Hanover,PA, USA* — **02/2011 - 02/2014**

- Youth Exchange Program (YES)(2013-2014) and ISSEC High General Science (2011-2012)

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Projects

- **Smash-K**: A location-based app promoting seamless communication and social connection among friends. Leveraging Google APIs, the app facilitates real-time chat and live location sharing, empowering users to find and add nearby friends effortlessly.
- **ESWT**: Developed and spearheaded the creation of ESWT, an innovative project aimed at optimizing English proficiency testing for university English professors. Initially built in PHP and later upgraded to Spring MVC, ESWT integrates Google WebRTC for seamless voice recording during tests, enhancing the overall testing experience.
- **EaseLearn**: Successfully conceptualized, developed, and implemented EaseLearn, a microservice-based project designed to facilitate collaboration among individuals with shared goals. Leveraging cutting-edge technologies such as ActiveMQ, API Gateway, Eureka-server, and Kafka broker, EaseLearn provides a robust platform for connecting like-minded individuals and fostering teamwork on large-scale projects. This innovative solution promotes creativity and innovation, empowering users to transform their ideas into successful and impactful endeavors.

Mentorship

- **PCU Students Mentor**: Coding Mentor responsible for mentoring and giving studies advice to SWE students (01/2020 - 04/2021)
- **Alumni Career Mentor**: Leveraging my experience as a software engineer and alumnus. Provided valuable insights to fellow international students on the unique challenges of job hunting in Korea, including effective networking strategies, job searching techniques, and interview preparation tips(03/2023).
- **New Students Tutor**: Programming | Data Structure and Algorithms

Others

- **YES-Scholarship**: Won(top 1%) the youth exchange scholarship program to study in America under the **DOS** sponsorship(2011)
- **ASHOKA Youth Entrepreneurship**: Only selected candidate from Ghana to present in the Ashoka youth entrepreneurship training(2016)
- **Global Korean Government Scholarship (GKS)**: Selected as the sole recipient of the prestigious **GKS(2017)**, demonstrating exceptional academic achievements, leadership qualities, and a strong commitment to personal and professional growth.
- **Certificate of Proficiency in Korean (TOPIK 5)**: The highest-level certificate of Korean proficiency above 70% average(05/2023).