

Jihun (Ethan) Shin

Dallas, TX | jimvic37@gmail.com | [Personal Website](#) | [Github](#) | [Linkdelln](#)

EDUCATION & CERTIFICATION

	AWS Solutions Architect – Associate	Nov 2023 expected
	Oracle Database 12c Administrator Certified Associate	Jan 2023
	AWS Cloud Practitioner Foundational	Jan 2023
BS	George Mason University, Fairfax, VA Information Technology, Database Technology and Programming concentration Major GPA: 3.7	Aug 2018 – Dec 2022

WORK EXPERIENCE

Java Developer Cognixia USA	Remote, USA Jun 2023 – Present
<ul style="list-style-type: none">- Developed a Full suite Spring Boot REST API, implementing Spring Security, Hibernate, JPA, and Mockito Test Suite- Designed databases under principles of Normalization and ACID and SOLID patterns- Applied Test-Driven Development using Junit and Mockito Unit Testing for a Spring Boot REST API- Communicated with different team members to develop a fully functional apps using different languages mainly Java- Collaborated with developers to create a robust full-stack Java project	

PROJECTS

Chat App – Blink Talk (Java, Spring boot, JWT, React, Javascript, MySQL, Websocket)	Link Github
<i>Chat app built from scratch using Websocket for concurrent update between users</i> <ul style="list-style-type: none">- Guided team of 3 in developing custom APIs using Java Spring Boot- Composed a user-friendly UI for user login, with security configurations and JWT token- Leveraged React to design and develop an intuitive and visually appealing frontend; deployed the frontend application on Vercel; backend application on Render- Orchestrated the implementation of a Websocket protocol, transforming the chat functionality into a lively and responsive experience for users	
Pokemon Trainer Management System (Java, AWS, JUnit, JWT, Spring boot, JIRA)	Github
<i>Pokemon trainer management system custom API built from scratch, JWT token integrated with JUnit test</i> <ul style="list-style-type: none">- Led a team of 3 in creating a custom Pokemon Trainer Management System API from scratch- Led the successful implementation of JWT token for user authentication, strengthening system security and reducing potential vulnerabilities- Developed scalable and secure APIs using Spring Boot, facilitating seamless communication between applications- Directed the deployment of the application on AWS ensuring a secure environment	
Space Mission Launch Data Analysis(Python, Pandas, Numpy, Selenium, Numpy, Seabon, Matplotlib)	Github
<i>Data analysis project build from scratch to visualize and drive insights of the data</i> <ul style="list-style-type: none">- Implemented Python packages such as Pandas, NumPy, Seaborn, and Matplotlib to extract, clean, analyze, and visualize space mission launch data- Created a custom web scraper using Python Selenium to extract data from nextspaceflight.com, expanding the range and scope of the dataset- Adopted Google Colaboratory to clean and visualize the data, highlighting key insights and trends	

SKILLS

- **Programming Languages:** Java, Python, R, JavaScript, HTML, CSS,
- **Technologies:** React, Spring boot, AWS, Git, Selenium, Numpy, Matplotlib, Seaborn, Pandas, Tableau, Excel
- **Database Management Systems:** MySQL, Oracle, Oracle PL/SQL, MongoDB