**Jihun(Ethan) Shin**

Dallas, TX | [jimvic37@gmail.com](mailto:jimvic37@gmail.com) | [Personal Website](https://jimvic37.github.io/) | [Github](https://github.com/jimvic37) | [Linkdeln](https://www.linkedin.com/in/jishin129/)

**EDUCATION & CERTIFICAITONS**

**BS George Mason University, Fairfax, VA** Aug2018 – Dec 2022

Information Technology, Database Technology and Programming concentration

Major GPA: 3.7

**Oracle Database 12c Administrator Certified Associate** Jan 2023

**AWS Cloud Practitioner Foundational** Jan 2023

**AWS Solutions Architect – Associate** Nov 2023 expected

**PROJECTS**

**Space Mission Launch Data Analysis(Python, Pandas, Numpy)** Feb 2023

*Data analysis project build from scratch to visualize data*

* Independently utilized **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.
* Utilized **Google Colaboratory** to effectively clean and visualize the data, highlighting key insights and trends.

**Pokémon Trainer Management System (Java, AWS, JUnit, JWT, Spring boot, JIRA)** Aug 2023

*Pokémon trainer management system custom API built from scratch, JWT token integrated with JUnit test*

* Led a development team in creating a custom Pokémon Trainer Management System API from scratch.
* Integrated JWT token for user authentication and security.
* Built custom APIs using Spring Boot.
* Deployed the application on AWS with robust security configurations.

**Chat App – Blink Talk (Java, Spring boot, JWT, React, Javascript, MySql, Web socket)** Nov 2023

*Chat app built from scratch using websocket*

* Used Java spring boot to build custom APIs for backend.
* Created a user-friendly UI for user login, with security configurations and JWT token.
* Used react to develop frontend and deployed the app on heroku and vercell.
* Implemented websocket to lively update the chat between different users.

**SKILLS**

* Programming Languages: Java, Python, R
* Web development: HTML, CSS, JavaScript, React
* Database Management Systems: MySQL, Oracle, Oracle PL/SQL, MongoDB
* Data Visualization: Tableau
* Cloud Computing: AWS
* Office Productivity Tools: Microsoft Office Suite
* Frameworks: Spring boot
* Version Control: Git
* Project Management: JIRA

**WORK EXPERIENCE**

**Java Developer** Jun 2023 – Present

Cognixia USA

Remote, USA

* 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