

JEREMIAH WILLIAM SEBASTIAN

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SUMMARY

Passionate and detail-oriented Software Engineer with hands-on experience in developing and maintaining robust APIs and database solutions. Proficient in JAVA8, NodeJS, and database management with a proven ability to optimize complex queries and ensure seamless integration in high-stakes environments. Aspiring to join industry leaders to develop impactful, high-tech solutions on a global scale.

SKILLS

Technical Skills :

- Programming Language: C#, Java , JavaScript , TypeScript , Python , C++ , C , PostgreSQL , MYSQL, ORACLEDB
- Framework: Laravel, React, Springboot, .NET, NodeJS, ExpressJS, Angular
- Others: Git, CI/CD , Unit Testing , OOP , Frontend , Backend , Full-Stack , Docker, GCP

Soft Skills : Leadership, Teamwork, Time management, Methodological Approach

EXPERIENCE

Backend Engineer Intern | Bank Central Asia | Jakarta, Indonesia | February 2024 - February 2025

- Designed and Implemented RESTful API for Mortgage Summary Data using Spring boot Version 3, SQL, OracleDB.
- Conducted System Integration Testing(SIT) for all developed feature, ensuring functionality and performance meet quality standards
- Refactored data retrieval process using prepared statements to enhance database interaction and security which improves data retrieval time by 3.5 seconds
- Refactored Session Management from using traditional server side session handling using HttpSession to stateless, token based approach using JWT(Json Web Token) to store user data in claims.

Frontend Engineer Intern | Bank Central Asia | Jakarta, Indonesia | February 2024 - April 2024

- Designed and Implemented Website Application using Angular JS Framework with Bootstrap Version 3
- Designed and refactored component to run more efficiently
- Designed and Implemented input feature for user to input

PROJECTS

Dev4You | July 2024

- Final Year Project
- Facilitated Collaboration between application developers and non profit organization by creating for project based engagement.
- Enable Non Profit Organization to post technical requirements, such as mobile apps and websites to address their challenges
- Recognize Developers Contribution to enhance their professional portfolios
- Built Using ReactJS and MUI for the frontend and NodeJS and ExpressJS for the backend
- Managed Database using PostgreSQL and used Kysely as Object Relational Mapping (ORM)
- Deployed the Website using Docker in Google Cloud Platform
- <https://github.com/nervouswilliam/skripsi>

Jewise | February 2024

- Personal Portfolio Website
- Built using ReactJS and CSS as frontend
- Used Git for version Control
- <https://github.com/nervouswilliam/jewise.git>

Stocking | July 2020

- Developed an Inventory Management Website to track products' expiration date to reduce food waste.
- Built using PHP Laravel Framework, taking advantage of their monolith architecture for simplicity and consistency
- Used CSS to design the frontend and Javascript for dynamic UI Interaction and Event Handling
- Managed Database using MySQL
- https://github.com/nervouswilliam/SE_AOL.git

CERTIFICATION

- **IELTS Certification | October 2020 : 7.5/9**
- **ICPC(International Collegiate Programming Contest) | January 2023** : Participated in an Internationally Recognized Programming Contest
- **NPC(National Programming Contest) | October 2023** : Participated in a National Programming Competition

EDUCATION

Bina Nusantara University | Computer Science | Jakarta, Indonesia | 2021 - 2025

- Major in Computer Science and Mobile Programming
- GPA : 3.67/4.0