

# EDY KELVIANTO



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Indonesia

## About Me

Detail-oriented Fullstack Developer with a Bachelor of Computer Science in Digital System Security. Transitioning from a strong academic and project-based background in Java/Spring to professional enterprise development using ASP.NET and React.js. I specialize in bridging the gap between ERP systems like SAP Business One and modern web interfaces, with a focus on automating workflows, optimizing database performance, and implementing secure remote management solutions

## Experience

### Golden Batam Raya

Full Stack Developer

## Certificate

### Spring & Hibernate for Beginners (Includes Spring boot)

Feb 2023

### Spring Boot 3 & Spring Framework 6 with Java

Dec 2023

## Education

### Bachelor of Computer Science (Digital System Security)

University of Wollongong  
(UOW), SIM Singapore

April 2021 - March 2023

### Diploma in Information Technology

Singapore Institute of  
Management (SIM) Singapore

April 2020 - March 2021

## Language

English

Bahasa

Chinese

Hokkien

## Back-End

- Java
- Spring Framework
- ASP.NET Core
- ASP.NET Classic

## Front-End

- React.js
- Bootstrap
- Reactstrap
- StreamBuffer

## Other

- Docker
- PostgreSQL
- SAP BI HANA
- MS SQL / MySQL

# Work Experience

At  
**Golden Batam Raya**

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**Role:**  
**Fullstack Developer | Golden Batam Raya, Indonesia | Jul 2024 - Present**

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## Full Stack Developer

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### Technologies Used:

[ASP.NET (Core & Classic),  
C#, React.js, Vanilla  
JavaScript]

### ERP & Data:

[SAP Business One, SAP  
HANA, Microsoft SQL,  
Crystal Reports]

### Automation:

[PowerShell (PS1), Batch  
Scripting (BAT)]

### Security & Infrastructure:

[JWT, RBAC, Rclone,  
Google Drive API]

### Tools & Workflow:

[Git, DTO pattern, RESTful  
API design]

- **Enterprise Application Modernization:** Engineered high-complexity web applications using React.js and ASP.NET to replicate and modernize SAP Business One Marketing Document workflows. Collaborated with internal stakeholders to ensure the new interface was more streamlined and responsive than legacy systems.
  - **High-Performance POS Development:** Developed a Point of Sale (POS) system using React.js and ASP.NET, prioritizing efficient data handling and a smooth user experience. Worked closely with the operations team to ensure the system met real-world retail requirements and handled high-volume transactions reliably.
  - **Custom Reporting & Optimization:** Architected a dynamic reporting engine using ASP.NET and Vanilla JavaScript that features precise field selection. This tool significantly reduced database overhead by preventing unnecessary resource consumption from high-volume SAP tables, improving overall system stability.
  - **Business Intelligence & Analytics:** Partnered with various departments to design custom SAP Crystal Reports (.rpt) and write complex SAP B1 HANA queries. These reports transformed raw business data into actionable insights, helping teams automate their data extraction and analysis workflows.
  - **Automated Infrastructure & Security:** Streamlined company data redundancy by developing Batch scripts for secure cloud synchronization to Google Drive using Rclone.
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# Past Side Project

## Link:

<https://front-end-research.herokuapp.com/>

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## Google Drive (File storage):

[https://drive.google.com/drive/folders/1aFIZ3sw9h159h8A46CwsKW1DG30A7\\_8k?usp=share\\_link](https://drive.google.com/drive/folders/1aFIZ3sw9h159h8A46CwsKW1DG30A7_8k?usp=share_link)

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## Research Conference

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I have completed a successful solo project on a research conference management system. The project involved designing and developing a user-friendly and responsive system for paper submission, review, and publication using Spring, React.js, and PostgreSQL. The project is hosted in Render (PostgreSQL) and Heroku (React.js and Spring-boot)

## Technologies Used:

[Spring, React.js,  
PostgreSQL, RESTful API]

## Security:

[Spring Security, Json  
Web Token, RBAC, Bcrypt]

## Storage:

[Google Drive]

## Other:

[DTO, Git, Maven]

## Hosting:

[Heroku, Render]

As the sole developer, I was responsible for implementing key features, including user authentication and authorization, search functionality, and paper submission and review workflows. I conducted thorough testing and debugging to ensure that the system functions as intended and meets project requirements.

The system enables admin to manage user and profile information, and view active and non-active users.

Authors can create, read, update, and delete paper files and download and read reviews for their papers. They can also see the status of their papers, whether they have been rejected or accepted, and filter them based on the timeframe.

Reviewers can create, read, and update reviews, bid papers to review, hide the paper, and download paper files to read the paper.

The Conference Chair have the authority to approve or decline bids. They have the option to revert bids that were previously approved or rejected to a "pending" status. Once a paper has been reviewed by at least five reviewers, the conference chairs can either approve or reject it, and they have the ability to view papers based on their current status of pending, accepted, or rejected. Additionally, before making a decision on whether to accept or reject a paper, the conference chairs can review the evaluations provided by the reviewers for that particular paper.

This project allowed me to demonstrate my proficiency in full-stack web development and project management. I am confident that the functional and user-friendly software product I delivered meets the needs of conference organizers and attendees.

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## Source

Back-end (Host) : <https://github.com/limlyang121/Back-end-Research>

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