Jeremiah Hasudungan

SOFTWARE ENGINEER | CERTIFIED KUBERNETES APPLICATION DEVELOPER

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About

Software engineer with 6 years experience of building scalable and high-performance systems. I have a proven track record of developing robust software solutions in telecom, finance, and banking. Skilled in designing reliable architectures that drive business success, I thrive in solving complex challenges and optimizing system performance.

Experience

Akar Inti Enterprise (Djarum Group) | Software Engineer   **August 2023 - Present**

- Redesigned and redeveloped a Billing and Payment Gateway System, reducing complexity by 80% and cloud costs by 60%, while handling over 70,000 transactions per day.
- Assisted in developing middleware for Virtual Account and Intra-Banking Transactions, adopted by one of Indonesia's largest banks and 150+ financial partners.
- Assisted in developing a Secure Key Loader system for Electronic Data Capture (EDC) machines.
- Ensured 99% SLA compliance through proactive system maintenance, downtime reduction, and resilience improvements.
- Optimized system performance and security, enhancing response times and enforcing industry best practices.
- **Stack:** Java (Spring Boot), JBOSS EAP, Node JS, Go Lang (Gin), Microservices, PostgreSQL, ORM, Docker, Kubernetes, Argo CD, GIT, Huawei Cloud Platform, Test Driven Development (TDD), Agile Framework.

PT. Mandala Multifinance Tbk | Software Engineer   **January 2022 – August 2023**

- Assisted in developing a Loan Origination System (LOS), handling over 1,000+ transactions daily.
- Ensured 99% SLA compliance through proactive system maintenance and continuous improvements.
- Collaborated with DevOps, Infrastructure, and QA teams across the full Software Development Life Cycle (SDLC), ensuring smooth deployment and system performance.
- **Stack:** Java (Quarkus), JBOSS EAP, ZKOSS Framework, Microservices, PostgreSQL, Oracle RDBMS, ORM, Docker, Kubernetes, GIT, Amazon Web Services, Elasticsearch-Graylog, Test Driven Development (TDD), Agile Framework.

Tech Mahindra Indonesia | Software Engineer   **November 2019 – December 2021**

- Assisted in maintaining a Customer Relationship Management (CRM) system, handling 1,000+ service requests daily.
- Supported the Point of Sales (POS) system, processing 5,000+ transactions per day.
- Maintained an Omnichannel system, managing 5,000+ daily interactions from Instagram, Facebook, and X (formerly Twitter).
- Ensured 99% SLA compliance through proactive monitoring and system optimizations.
- **Stack:** Java (Spring Boot), TIBCO Business Works, Node JS, JBOSS EAP, Oracle RDBMS, Oracle PL/SQL, GIT, Elasticsearch-Logstash-Kibana (ELK), Linux (RedHat).

PT Telkom Indonesia Tbk | Internship   **May 2018 – July 2018**

- Collaborated with the Project Leader to design and develop a customer data management system for Indonesia WiFi ID.
- Conducted testing and deployment, ensuring a smooth transition to production.
- **Stack:** PHP, Node JS, XAMPP, MySQL, Linux.

Education

Telkom University Indonesia – Bachelor of Computer Science   **2019**
GPA: 3.3 / 4

Skills

Programming language: Java, Go, JavaScript (Node Js)
Framework: Spring Boot, Quarkus, Jakarta EE, Beego, Gin, Next Js
Relational Database: Oracle, Postgre, MySQL
Relational Database Tools: SQL, PL/SQL, ORM (Hibernate & JPA, GORM)
Non-Relational Database: MongoDB, ElasticSearch
Version Control: GIT, Subversion (SVN)
Messaging Broker: Kafka, RabbitMQ
DevOps and CICD: Docker, Podman, Kubernetes, OpenShift, GitOps, Jenkins X, Flux, ArgoCD
Cloud Service: Amazon Web Services, Google Cloud Platform, Huawei Cloud Platform
Operating System: Linux, Windows
Industry Knowledge: Microservices, Cloud Native Architecture, Test Drive Development

Certification

Certified Kubernetes Application Developer
Certified By: The Linux Foundation

Kubernetes And Cloud Native Associate
Certified By: The Linux Foundation

AWS Academy Cloud Architecting
Certified By: Amazon Web Services Training and Certification

Research and Publication

Personalized E-Learning Content Based on Felder-Silverman Learning Style Mode
Published By: Institute of Electrical and Electronics Engineers