Rullyansyah Oetama

Experienced software engineer with a focus on building
engaging & accessible digital experiences

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Relevant Experience

Software Engineer • PT Bank Mandiri (Persero) Tbk. Feb 2023 — Present **(Contract)**

- Designed and developed a fraud detection system for Bank Mandiri's customer transactions, ensuring real-time monitoring and prevention of fraudulent activities.
- Built scalable and reusable front-end components using React, TypeScript, Tailwind CSS, and implemented secure user authentication with LDAP.
- Developed RESTful APIs with Express.js and Sequelize, integrating with backend services written in Java and Spring Boot for robust business logic processing.
- Worked with relational databases including Oracle and PostgreSQL, optimizing stored procedures for high-volume transaction data.
- Deployed applications in WebLogic and automated CI/CD pipelines using Jenkins for streamlined delivery.
- Performed manual testing to validate fraud scenarios and ensure compliance with banking regulations.
- Collaborated with cross-functional teams (product, security, compliance) to design systems meeting critical SLAs and security standards.

Full-stack Developer • Praisindo Teknologi Mar 2022 – Feb 2023

- Developed and maintained **DPLK (Dana Pensiun Lembaga Keuangan) Management Fee system** to streamline pension fund fee processing for enterprise clients.
- Built secure and user-friendly web applications using Web Forms (.NET Framework) and enhanced user experience with ASP.NET MVC architecture.
- Designed and implemented RESTful APIs for integration between frontend systems and backend services hosted on AWS infrastructure.
- Managed and optimized Microsoft SQL Server databases, created complex queries, and developed reports using SQL Server Reporting Services (SSRS).
- Utilized SQL Server Management Studio (SSMS) for database administration and performance tuning to handle large datasets efficiently.
- Worked closely with business analysts and stakeholders to gather requirements and deliver solutions aligned with banking regulations.

Web Programmer • PT. Whiteopen Teknologi Aug 2021 — Mar 2022

- Developed and maintained web applications using C# with ASP.NET Framework, JavaScript, jQuery, HTML, CSS, and AJAX to support client business processes.
- Designed interactive dashboards and reports with Power BI to help clients visualize key data insights.
- Utilized Microsoft Office applications (Excel, Word) for documentation, reporting, and data management tasks
- Participated in client meetings to gather requirements, discuss system bugs, and propose enhancements based on user feedback.
- Performed system analysis to identify root causes of issues and implemented effective solutions within agreed timelines.
- Collaborated closely with cross-functional teams and clients to ensure smooth delivery and alignment with business needs.

SKILL

Programming Languages JavaScript (ES2015+), Java, TypeScript, HTML, CSS, Sass, Java, C#, SQL

Libraries & Frameworks

React, Next.js, Node.js, React Native, Tailwind CSS, Styled Components, Framer Motion, Material UI, Java Spring Boot, ASP.NET MVC, Web Forms, jQuery, AJAX

Database, Tools & Platforms

PostgreSQL, Oracle, Microsoft SQL Server, SQL Server Management Studio (SSMS), SQL Server Reporting Services (SSRS), Git, GitHub, Vercel, Webpack, Figma

Selected Projects

Kopra Risk Scoring,

System developed to manage fraud indications in Bank Mandiri. It calculates risk scores in real-time based on predefined fraud detection rules within the bank. The scoring process helps identify suspicious transactions on the Kopra (Corporate Banking) platform and supports the risk team in making quick decisions to prevent potential fraud, ensuring secure corporate customer transactions.

Analysis Management System

The Analysis Management System helps Bank Mandiri manage and monitor potential fraud cases for creditors using loan programs. It supports detecting suspicious activities, analyzing data, and assisting teams in handling fraud indications effectively.

And more project.

Education

Gunadarma University

Bachelor of Science in Information System,
IPK : 3,30 – 2014 - 2016
Diploma in Computer Science, Informatics
Management – 2011 - 2014