FRANS SEBASTIAN

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SUMMARY

Experienced software engineer with over 3 years of web and mobile app development expertise. Skilled in implementing code design patterns and programming paradigms for efficient algorithm creation. Proficient in engineering principles for clean and scalable code. Effective communicator of complex technical concepts. An enthusiastic learner with a keen interest in emerging technologies. Ready to contribute to dynamic software development teams.

EXPERIENCE

Senior Software Engineer   Gradana Indonesia - PT Gradana Teknoruci Indonesia   *Jul 2023 - Present*

Achieved a 55% reduction in cloud server disk usage through optimization.• Improved code readability and efficiency by 30% by implementing clean and readable code principles.• Enhanced analyst data access by 45% through the creation of FDC (Fintech Data Center) logs for new borrower inquiries, along with a feature to export data to Excel.• Configured nginx to create a load balancer, ensuring 0% downtime during app deployment.• Implemented a data collection feature to facilitate credit scoring, resulting in a 30% increase in new loan generation by credit analysts.• Resolved staging environment issues, leading to a 60% improvement in app testing efficiency for the entire team.• Migrated institutional user data for lenders and borrowers, including creating UI components and database schema enhancements, improving data consistency by 20%.• Addressed high memory and CPU usage issues on the Jenkins server for CI/CD by identifying and removing the dota3 malware, resulting in a 48% decrease in resource usage.• Successfully migrated 100% of FDC data from v4 to v5, supporting analysts in querying new borrower data. • Resolving the firewall blockage for SSH has streamlined Jenkins capability to deploy Docker app, resulting in a 45% increase in productivity deploying.

Software Engineer   Silvertech Asia - PT Primatek Infokom Jaya   *Apr 2023 - Jun 2023 Full-Time | Apr 2022 - Apr 2023 Contract*

Enhanced load time by 25% by migrating Flutter app to native Android with Kotlin and Jetpack Compose. • Reduced testing time by 40% with mobile automation using Appium. • Achieved a 30% increase in API response time by developing endpoints with Deno, Oak framework, and Typescript. • Cut deployment time by 50% through Docker and client-server architecture implementation. •Achieved a 60% increase in productivity through the implementation of automated mobile app builds using a meticulously crafted batch script. • Engineered a high-performance REST API leveraging Fastify.js, EJS, and Redis or memory DB, achieving a 20% improvement in response time, processing 1000 requests per minute. • Implemented a server downtime logging program, optimizing deployment processes by 65% for new web deployments, reducing downtime to an average of 5 minutes per deployment. • Conceptualized and designed an installer app with shared preferences and local storage, ensuring seamless app connectivity for users across 1000 installations. • Pioneered bulk message broadcasting within the Android app using Firebase Cloud Messaging, Kotlin, and One Signal, enhancing communication capabilities. • Enhanced mobile Liteapk builds by 30% through streamlined Gradle script flavors and improved compression techniques, resulting in a 50% reduction in build time, with builds completed in under 5 minutes.

Software Engineer   Brandztory - PT Primatek Infokom Jaya   *Jan 2022 - Apr 2022 | Contract*

Developed Full stack Web Apps with Next.js, React.js, PostgreSQL, and Strapi CMS, increasing user engagement by 40%. • Built Full stack CMS and landing page with Laravel, Next.js, MySQL, MongoDB, tailwindsCss, and Prisma ORM, reducing loading time by 50%. • Created Attendance Mobile Apps using React Native, incorporating NFC card reader, barcode scanning, and user login, improving attendance tracking accuracy by 30%.

Full-stack Developer   Egafood Indonesia - PT Egafood Multi Cipta   *Oct 2021 - Jan 2022 | Intern*

Developed company profile website with PHP and WordPress CMS, boosting traffic by 55%. • Configured PHP for G-Suite SMTP, improving office email functionality by 70%. • Enhanced website SEO, resulting in a 65% increase in search engine ranking. • Migrated website to a new hosting provider, doubling performance metrics. •Implemented CDN to enhance website performance, reducing load times by 30%.

Web Frontend Developer   Mandarin Class   08 *Jul 2021 - Sep 2021 | Freelance*

Developed a web landing page using Bootstrap, HTML, JavaScript, CSS, and jQuery.

EDUCATION

BINUS University

Bachelor of Technology - BTech, Computer Science   **GPA 3.82**   *Dec 2021 – Present*

LICENSES & CERTIFICATION: Cloud Practitioner Essentials - Dicoding • **Machine Learning: hands-on python & r in data science –** udemy • **Back-end apps with google cloud -** dicoding • **Data visualization –** dicoding • **Devops -** dicoding • **Agile software engineering -** binus university • **Managing cybersecurity risk: the role of internal audit -** binus online • **Programming python -** dicoding • **Networking computer -** dicoding • **Machine learning -** dicoding • **Programming javascript -** dicoding • **back-end apps with aws –** dicoding

SKILLS: Kotlin, React.js, Angular.js, Express.js, Git, Jira, Linux, React Native, Flutter, Java, Nodejs, MongoDB, JavaScript, Typescript, PHP, SQL, Nginx, GCP, Alibaba Cloud, Nest.js, Prisma Orm, Next.js, Docker, Playwright, Jenkins, CI/CD, Design Pattern, Fintech, Microservice, Project Management, Product Management, Debugging, Problem Solving, Critical Thinking.