JASON JONATHAN EFFENDI

FULL-STACK DEVELOPER

CONTACT

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Portfolio: Portfolio Website

ABOUT ME

Creative and curious full-stack developer with 2+ years of experience working on complex and challenging softwares that balances technical excellences with real business needs.

Additional information:
- Eligible to work under Residence Permit (Mar 2026) and will need visa sponsorship for long term employment
- Can start immediately

EDUCATION

Fontys University of Applied Sciences | 2023-2025
Bachelor of Software Engineering
Eindhoven, The Netherlands

Institut Sains dan Teknologi Terpadu Surabaya | 2020-2025
Bachelor of Computer Science
Surabaya, Indonesia

CERTIFICATIONS

FastAPI - Complete Course (2025)
Udemy
Certificiate Link: https://www.udemy.com/certificate/UC-3188fae2-0aba-474c-b5c0-fbbc27d1c658/

Red Hat Certified System Administrator (2023)
Red Hat
Certificate Link: https://www.credly.com/badges/c143b8fc-c53c-471e-a1a1-1dd5500fed6d/linked_in_profile

Learn to Create Flutter Apps for Beginners (2023)
Dicoding
Certificate Link: https://www.dicoding.com/certificates/1OP800401XQK

EXPERIENCE

Software Developer | 2024 - 2025
Cape.io, Tilburg NL
Automation for Digital Campaigns | 300 - 500 employees

- Researched and prototyped multiple vectorized images integration approaches to enable new vectorized images features to be implemented into Template Designer tool.
- Implemented a new real time shape, colour, and stroke manipulation feature with smooth and efficient performance
- Improved developer productivity and code quality through code refactoring and architectural cleanup

Portofolio Website | 2025

- Designed and built a professional portfolio website that presents my technical expertise and projects in a clear, user-friendly way
- Delivered a fast, accessible and search-optimized experience to ensure strong performance across devices
- Enhanced user engagement with smooth and interactive animations that guide visitors through the website
- Automated the build and deployment process to ensure fast and reliable updates with minimal effort

Kitchenwares | 2024

- Built and designed a full-stack e-commerce platform to handle growth, high-traffic and evolving business needs
- Separated core functionality into modular services which allow features to be developed and deployed independently
- Ensured reliable operation through cloud deployment, monitoring and logging
- Protected performance and stability by introducing automated tests, load testing and continuous delivery pipelines

IQADOT Import Toolkit | 2024

- Built a web-based tool to import and process external data to reduce manual handling and setup effort
- Enabled flexible data mapping by automatically detecting data structures and allowing users to select relevant fields
- Imporved reliability and deployment consistency by packaging the application for repeatable environments
- Ensured confidence in data processing through automated testing of critical user flows

Software Developer | 2021 - 2023
Institut Sains dan Teknologi Terpadu Surabaya, Surabaya ID
University | 50 - 100 employees

- Identified flaws in existing old workflows, resulting in a more efficient centralized system that simplifies planning and coordination
- Developed an interface that made lab scheduling and material management easier for students and lecturers
- Enhanced accessbility and overal usability from implementing improvements based on testings

Software Developer | 2023
UBS Gold, Surabaya ID
Jewellery Company | 2000 - 2500 employees

- Built a video based grading platform to process how presentations are reviewed and evaluated
- Enabled structured and consistent assesments through customizable grading criteria and dynamic evaluation forms
- Improved grading efficiency and accuracy through real-time validation and a clear, guided review flows
- Simplified administration processes by providing flexible tools to manage grading rules and workflows

Checkin Device | 2023

- Built a physical check-in/check-out system using NFC tags to automate attendance tracking
- Enabled instant check-ins by securely sending scan data to a central system, where records are stored and processed
- Provided clear user feedback through an on-device display to confirm successful or failed actions real time
- Reduced manual tracking and errors by replacing the need of manual tracking processes with an automated solution

Fruit Storage Management | 2022

- Designed and built a centralized management system connecting multiple fruit store locations into a single platform
- Provided individual dashboards per store to give staffs clear insights into daily operations
- Automated stocking process by allowing stores to request missing inventory items directly through the system
- Reduced physical operations by replacing these processes with a single application

Bible API | 2022

- Built an API service that simplifies access to external data by processing third-party responses
- Improved usability by allowing users to query content in a simple format and receive a clean and structured result
- Implemented authorization to protect user data and control access to the service
- Enabled personalization by allowing users to save verses and organize them into custom collections
- Demonstrated secure API design by handling input validation, data processing and access control end to end

SKILLS

Frontend: React, Next.js, Typescript, Javascript, Tailwind CSS, Material Design
Backend: .NET, ExpressJS, FastAPI, Laravel, CodeIgniter, SpringBoot, C#, PHP, Python, Java, Rest APIs
Mobile: Flutter
State & Data: React Redux, React Query, React Hook Form, Axios
Databases: SQL (MySQL), NoSQL (MongoDB, Firestore), Prisma
Cloud & DevOps: AWS, Google Cloud, Google Firebase, Docker, Kubernetes, RabbitMQ, CI/CD
Tools: Git, Cypress, Postman, Grafana, Prometheus
Infrastructure: Linux, Microsoft Windows, Ansible
IoT: Arduino, C++
Productivity & Collaboration: Google Docs, Google Sheets, Google Slides, Gmail, Outlook, Jira, Github, Gitlab
Others: Project management

LANGUAGES

- Indonesian (Native)
- English (Professional)
- Dutch (Basic)

HOBBIES AND INTERESTS

- Multiplayer games
- Travel
- Music