Rio Oktaviansyah

Full Stack Web Developer

Jombang, East Java, Indonesia | Open to relocation & remote
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SUMMARY

Full stack web developer with a Bachelor's in Information Systems (GPA 3.73/4.00) and professional experience adding features and fixing bugs in PHP/CodeIgniter applications. Since 2024, building independent products with Next.js, React, TypeScript, and PostgreSQL, including the live personal-finance app Ruang Angka and the multi-tenant SaaS Naradeck.

SKILLS

Programming: PHP, JavaScript, TypeScript, SQL, HTML5, CSS3
Frameworks & Libraries: Next.js, React, Laravel, CodeIgniter, Tailwind CSS, shadcn/ui, Bootstrap
Databases & APIs: MySQL, PostgreSQL, Prisma, Drizzle ORM, REST APIs, Clerk (authentication)
Tools & Methods: Git, GitHub, Figma, UML, BPMN (Bizagi), PowerDesigner, AI-assisted development (Claude Code)
Languages: Indonesian (Native); English (Limited Working Proficiency, technical documentation)

INDEPENDENT PROJECTS

Ruang Angka | Personal Finance Web App **Oct 2026**
Live at angka.rioovs.my.id | Next.js 16, TypeScript, Tailwind CSS, shadcn/ui, PostgreSQL (Neon), Drizzle ORM, Clerk, Vitest

- Built and deployed a multi-wallet expense tracker with category budgets, savings goals, and recurring transactions.
- Enforced per-user data isolation on the server, stored money as integer rupiah, fixed month boundaries to Asia/Jakarta time, and kept wallet transfers out of monthly totals; covered the logic with Vitest tests.

Naradeck | Multi-Tenant SaaS for TikTok Account Management **Nov 2026 – Present**
In development | Next.js 16, TypeScript, PostgreSQL (Neon), Prisma, BullMQ, Redis, Clerk, Playwright, GitHub Actions

- Building a dashboard for creators and agencies to manage multiple TikTok accounts via the official TikTok API: OAuth linking with AES-256-GCM-encrypted tokens, live profile and video sync, and scheduled multi-account posting.
- Made posting reliable with a BullMQ/Redis job queue, retry and cancel, duplicate-safe post claiming, and streamed video uploads; added Playwright end-to-end tests and CI that runs typecheck, lint, tests, and build on every pull request.

EXPERIENCE

Full Stack Developer | CV Pratama Computech, Jombang **Feb 2023 – Jan 2024**

- Added features and fixed reported bugs in Seger, a CodeIgniter 3 (PHP) financial and accounting web application.
- Built Seger's report printing feature, letting users print financial reports directly from the application.
- Transferred client records from Excel spreadsheets into the application database through manual data entry.

Web Developer Intern (MSIB Kampus Merdeka) | PT Disty Teknologi Indonesia, Jombang **Aug 2022 – Dec 2022**

- Built a web-based patient self-service registration kiosk (APM) for a hospital client with an intern team: patient registration, polyclinic selection, queue tickets, and doctor schedules.
- Gathered requirements in client interviews, modeled business processes in BPMN (Bizagi), designed UI mockups in Figma, and designed the database in PowerDesigner.
- Doubled as system analyst and integrated team modules; scored 90–95/100 on every internship evaluation criterion.

IT Intern | Communication and Informatics Office (Diskominfo), Jombang Regency **Aug 2021**

- Wrote the user manual for a public service application in the Applications & Informatics (Aptika) division.
- Handled emergency calls at Call Center 112 (ambulance, fire, accident, and fallen-tree reports); rated "Excellent".

EDUCATION

Universitas Pesantren Tinggi Darul 'Ulum (Unipdu), Jombang **Sep 2019 – Feb 2023**
Bachelor's Degree in Information Systems (S.Kom.) | GPA 3.73/4.00

- Thesis: Web-Based Self-Service Patient Registration Kiosk (APM) for RSUD Jombang, built with PHP and MySQL.
- Relevant coursework: Web Programming I & II, Mobile Programming, Database Design, Software Engineering.

SMK Budi Utomo, Jombang | Vocational High School, Computer and Network Engineering (TKJ) **Jul 2015 – May 2018**

CERTIFICATIONS

Belajar Dasar-Dasar DevOps (DevOps Fundamentals) | Dicoding Indonesia | Mar 2023 | Credential ID QLZ92JKE9X5D
PHP Course Certificate | SoloLearn | Mar 2023 | Credential ID CT-3PQQTVCO