

Tri Denda

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SUMMARY

Software Engineer with 4+ years building production-grade applications across banking, ERP, and mobile ecosystems. Built and refactored secure banking systems serving 300k+ users at Wide Tech, cutting core API latency by 35%. Led a team of 3 at Plana Networks, shipping a Flutter mobile ecosystem that cut admin processing by 40%. Recently launched BeautifulCV, an AI-powered resume tailoring SaaS, solo from concept to production. Open to senior remote roles at product-focused teams.

SKILLS

TypeScript, JavaScript, Java, SQL, HTML, CSS, Next.js, React, TanStack Query, Tailwind CSS, Shadcn UI, Zustand, Flutter, Framer Motion, Node.js, PostgreSQL, Supabase, Firebase, AWS, REST APIs, Linux, Git, Functional Programming, Data Structures, System Architecture, Prisma, TinaCMS, CI/CD pipelines, GitHub Actions, Problem-solving

EXPERIENCE

Senior Software Engineer — PT. Plana Networks Indonesia

08/2025 – Present

Jakarta, Indonesia

- Engineered a scalable cross-platform app using Flutter and Firebase, reducing administrative processing time by 40%.
- Architected data models digitizing complex ERP workflows, consolidating fragmented processes into one unified platform.
- Owned full SDLC, turning operational bottlenecks into production-ready features with reliable data integrity.
- Led a team of 5 engineers, enforcing code reviews and best practices for scalable, maintainable software.
- Translated requirements into technical specs and Figma prototypes, reducing implementation risk before development.
- Tech stack: Flutter, Dart, Firebase, Dio, PDFx, Figma

Software Engineer — Siliwangi Studio

08/2023 – 07/2025

Karawang, Indonesia

- Architected and deployed end-to-end ERP system serving 1000+ users with complex business logic.
- Built 10+ high-performance Next.js web applications, consistently achieving perfect 100/100 Lighthouse scores.
- Engineered headless architectures, empowering non-technical clients and cutting post-launch maintenance requests.
- Served global clients across Indonesia, the US, and Europe, maintaining a 4.5+ Fiverr rating.
- Built custom CMS integrated with Supabase and Firebase based on client requirements.
- Tech Stacks: TypeScript, React.js, Next.js, Tailwind CSS, GSAP, Frame Motion, Firebase, Supabase, NoSQL, PostgreSQL

Software Engineer — PT. Wide Technologies Indonesia

07/2022 – 07/2023

Jakarta, Indonesia

- Developed features for a secure banking system serving 300k+ users, handling mission-critical financial transactions.
- Refactored legacy Java backend systems, optimizing database queries to cut core API latency by 35%.
- Implemented secure, idempotent REST APIs for financial modules, ensuring compliance and reliable transaction processing.
- Built push notification middleware enabling real-time transaction alerts and improving platform-wide user engagement.
- Tech Stacks: Java, Spring MVC, Oracle DB, Hibernate, Middleware, REST APIs

PROJECTS

BeautifulCV — AI-Powered Resume Tailoring Platform

02/2026 – Ongoing

Next.js 16, React 19, TypeScript, Tailwind CSS, shadcn/ui, Zustand, TanStack Query, React Hook Form, Zod, Supabase, PostgreSQL, Row-Level Security, Anthropic Claude API, @react-pdf/renderer, Lemon Squeezy, Vercel

- Shipped a fullstack web app solo in 4 months across 100+ commits, turning one profile into unlimited job-ready resumes.
- Built a 3-stage AI pipeline that parses any job post, scores skill gaps, and rewrites resume points to match it.
- Cut resume tailoring from hours to under 1 minute by auto-rewriting every bullet against the target job.
- Scored each experience 0–100 for relevance and auto-reordered all 9 resume sections to fit the target role.
- Made every AI edit show its reason and let users undo any of them, keeping 100% human control.
- Backed 14+ secure API routes with per-user database rules and Google login, hiding all AI keys server-side.
- Let users import resumes from 5 file types (PDF, DOCX, TXT, and 2 image formats) with one upload.
- Added 2-tier paid plans via Lemon Squeezy with per-plan usage limits and automatic upgrades on payment.
- Built server-side PDF export saved to cloud storage with secure 7-day download links for resumes and cover letters.
- Wrote 100% of the app in TypeScript with strict type checks and auto-linting on every commit.

SIK STTK — Academic Information System for STTK

12/2025 – 02/2026

Next.js 16, React 19, TypeScript, Prisma 7, PostgreSQL, Supabase, TanStack Query, Zod, Tailwind CSS, shadcn/ui, Radix UI, React Hook Form, Sonner, SheetJS

- Architected campus-wide academic ERP from scratch: 27 relational entities, 19 enums, 800+ lines of schema.
- Built 6-role access-control system gating 54 pages and 16 API routes with least-privilege enforcement.
- Shipped finance module handling tuition groups, auto-generated invoices, and partial payments across 5 invoice states.
- Delivered full CRUD for 9 master-data domains across 27 create, edit, and detail views.
- Added one-click Excel export across 4 tables via server-side xlsx, cutting reporting time to seconds.
- Built 3 print/PDF views for invoices, finance statements, and reports as official institutional records.
- Designed finance-gated enrollment flow blocking course registration until tuition is cleared.

PAN Insight — Multi-Platform Reporting and Approval App

09/2025 – Ongoing

Flutter, Dart, Firebase, Google Sign-In, Cloud Functions, TypeScript, Node.js, Firestore Security Rules, Dio, PDFx, Flutter Local Notifications, Table Calendar, Markdown Editor, GitHub

- Led one Flutter app built for 3 platforms (Android, iOS, Web), writing 104 of 227 commits on a 6-person team.
- Built a modular Dart code base of 7,500 lines with 15+ screens and 11 shared service layers to cut repeat code.
- Built 3-tier access system (Reader, Creator, Admin) enforced by Firestore rules locking every collection.
- Designed report submit-to-approve flow with author/approver routing and 3 states, replacing manual review.
- Added file attachments with PDF/image upload, in-app PDF viewing, and secure download.
- Shipped Google login with per-user alert tokens, putting all data behind rule-checked requests.
- Built role-aware news module with Markdown editor, paged lists, and access-gated views.

EDUCATION

Buana Perjuangan University

09/2018 – 04/2022

Bachelor's Degree in Informatics Engineering

GPA: 3.48/4

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Databases, Expert System

HONORS & AWARDS

Gold Medal at Peruri Innovation Awards

09/2020

Perum Peruri

Received recognition for driving innovation that improved productivity and operational efficiency. Identified opportunities to optimize existing processes and implemented effective solutions. The initiative contributed to better resource utilization and stronger operational outcomes.

CERTIFICATIONS

AWS Certified Cloud Practitioner

03/2026 – 03/2029

Amazon Web Services (AWS)

Complete Next.js Developer in 2022: Zero to Mastery

09/2022

Zero To Mastery Academy

Credential ID: UC-139a0445-76eb-41d7-a36c-723a082871a1

Complete React Developer in 2022 (w/ Redux, Hooks, GraphQL)

08/2022

Zero To Mastery Academy

Credential ID: UC-caab8270-9a5f-449f-8fea-53eb6a5fe5c8

The Complete Web Developer in 2022: Zero to Master

05/2022

Zero To Mastery Academy

Credential ID: UC-0b2e2721-738f-4522-a4ab-126d5cfdc33c

Complete React Native in 2022: Zero to mastery (with Hooks)

02/2022

Zero To Mastery Academy

Credential ID: UC-ccc778bf-aa88-4bce-9b55-39f1926693bf

ORGANIZATIONS

Yuk Pulih

12/2020 – 12/2023

Co-founder & Web developer

Supported a non-profit organization dedicated to raising awareness about the harmful effects of addiction. Contributed to evidence-based recovery initiatives and educational programs. Helped improve access to resources that support individuals on their recovery journey.

UKM Bahasa

02/2020 – 02/2021

Leader

Led a student language organization affiliated with Universitas Buana Perjuangan Karawang. Directed the planning and execution of educational programs, workshops, and student events. Coordinated members and stakeholders to increase student engagement and support language development initiatives.

PUBLICATIONS

Implementasi Algoritma Certainty Factor pada Sistem Pakar untuk Mendeteksi Kecanduan Online Games

Universitas Buana Perjuangan Karawang

Developed an Android-based expert system using Certainty Factor algorithm to detect online game addiction across 9 symptom indicators, achieving 83% accuracy on 18 data samples through integration of expert psychological scoring and user-inputted confidence values.

07/2022

Peran Seorang UX Designer dalam Meningkatkan Produktivitas Produksi Kopi UMKM Koffie Hideung

Kementrian Hukum dan Hak Asasi Manusia

Applied user-centered design methodology to design a mobile application prototype that digitized Koffie Hideung's manual bookkeeping process across 7 production stages, eliminating data loss risk and improving operational productivity for a rural coffee UMKM.

10/2021