Muhammad Adharul Imron

Junior Full Stack Developer (Node.js, React, PostgreSQL)
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SUMMARY

Junior Full Stack Developer (JavaScript/TypeScript, Node.js, Express, React, Next.js, PostgreSQL) who turns business problems into reliable web applications, from the PRD to a deployed product. Brings 3+ years in data analytics, growth, and product at Moladin, Mekari, Paper.id, and Ruangguru. Built a multi-tenant inventory SaaS where stock stays consistent under concurrent requests and tenant data stays isolated. Led client meetings from kickoff to sign-off on a retail brand launch project, and automated a 12-hour daily workload to 2 hours at Moladin using Python and Google Cloud Platform. A Hacktiv8 graduate with an Honor Award (98/100), seeking a junior full stack or backend developer role.

SKILLS

- **Core:** JavaScript (ES6+), TypeScript, Node.js, Express, REST API, PostgreSQL, Sequelize, React, Next.js, HTML, CSS, Tailwind CSS, Git, GitHub
- **Working knowledge:** MongoDB, Zod, JWT, Socket.IO, Jest, Supertest, Vitest, Supabase, Gemini API, Vercel, AWS EC2
- **Familiar (coursework):** Redis, GraphQL (Apollo), React Native, Redux
- **Prior work experience:** SQL, Python, BigQuery, Google Cloud Platform (GCP: Cloud Functions, Cloud Scheduler), Looker, Tableau, Metabase

PROJECTS

Simpul Stok
Multi-warehouse, multi-tenant inventory SaaS for cafés and retail chains (personal project)
Tech stack: Node.js, Express 5, PostgreSQL, Sequelize, Zod, JWT, Jest/Supertest, React (Vite, Tailwind), AWS EC2, Supabase, Vercel
Live: simpulstok.adharul.my.id | Code: github.com/i-adharul/simpul-stok-express

- Designed the product end to end before coding: a product requirements document (PRD), a 17-entity data model, a REST API spec, and 23 screens and 19 pop-ups prototyped in Google Stitch.
- Prevented negative stock and half-finished transfers under concurrent requests using database transactions and row locking.
- Kept each company's data private in a multi-tenant setup by scoping every query to the user's organization, so other companies' records always return "not found".
- Made stock updates idempotent to block duplicates from retries and double submissions, and kept an append-only stock history (audit log) that cannot be edited or deleted.

Bloom Bash
Tablet game and Content Management System (CMS) for a Wacoal Bloom in-store launch activation (client project) | Private client repository; code walkthrough available on request
Tech stack: Next.js, TypeScript, MongoDB, Zod, Progressive Web App (PWA)/IndexedDB, Gemini API, Vitest, Vercel

- Translated the client proposal, wireframes, and review feedback into a PRD, a 14-collection data model, and a REST API spec for a tablet game and a role-based CMS.
- Led client meetings (kickoff, weekly demos, pre-launch review) with the Wacoal Bloom team, agreeing on scope and prize rules before development and getting sign-off on the game and CMS.
- Designed an offline-first architecture (local storage, queued idempotent sync, server as the source of truth for prize stock) so the game kept running when store internet dropped.
- Defined the prize logic: a weighted draw with a fixed-probability grand prize, win rates totaling exactly 100%, and one active tablet per store.
- Extracted data from receipt photos with the Gemini API and stored it in structured tables that feed an analytics dashboard.

EDUCATION

Hacktiv8 Indonesia — *Full Stack JavaScript Immersive Program (Batch HCK-99)* Jun 2026 – Oct 2026
Jakarta, Indonesia

- Graduated with an Honor Award, final grade 98/100 (A+). Curriculum: Express, Sequelize/PostgreSQL, MongoDB, Redis, GraphQL, React, React Native, TypeScript, Next.js, OAuth, testing, and cloud deployment. Transcript available on request.
- Scored 94–100 on all 11 live-coding exams (45–55% of each phase grade), with no AI assistance allowed; only documentation and code-free notes were permitted.

RevoU — Full-stack Data Analyst Program Jan 2022 – Apr 2022

Universitas Negeri Surabaya — *B.Eng. in Electrical Engineering* 2016 – 2020
Surabaya, Indonesia, GPA 3.66 / 4.00

- Best graduate of the Electrical Engineering Department.
- Thesis: designed and tested a wireless nurse-call system with a web app (PHP, JavaScript, AJAX, jQuery, MySQL) and ESP8266 Wi-Fi modules.

WORK EXPERIENCE

Self-Employed / Independent Mar 2024 – Jun 2026
Jakarta, Indonesia

- Ran several solo ventures: short-form video and YouTube content, self-published fiction e-books, and an online food business on GoFood.
- Decided to move into software engineering and enrolled in the Hacktiv8 Full Stack JavaScript Program.

Mekari — *Business Intelligence Analyst (Corporate Strategy)* Dec 2023 – Mar 2024
Jakarta, Indonesia

- Consolidated metrics from Mekari's main products into a single Tableau view for the Corporate Strategy team.
- Coordinated multi-department projects alongside analytics work.

Moladin — *Data Analyst Supervisor* Sep 2022 – Dec 2023
Jakarta, Indonesia

- Automated recurring data workflows with Python on GCP (Cloud Functions, Cloud Scheduler), cutting a daily manual workload from 12 hours to 2 hours.
- Built dealer-financing and used-car-financing dashboards in Looker on BigQuery.
- Delivered dealer-lead analysis that contributed to a 6.7% increase in registered dealers.

Paper.id — *Growth Analyst (previously Growth and Customer Experience Intern)* Jun 2021 – Apr 2022
Jakarta, Indonesia

- Built voucher-performance and net-sales dashboards with the data team (Metabase, SQL); identified 10+ promo abusers, enabling later promo programs to run with zero incidents.
- Analyzed fraud in the referral program, protecting a marketing budget of over IDR 10 million, and ran voucher experiments and campaign A/B tests with CleverTap.
- Interviewed 50+ users to find product pain points and presented feature performance reports to the CEO and stakeholders.

Ruangguru (Ruangkerja) — *Product Analyst Intern* Feb 2021 – Jun 2021
Jakarta, Indonesia

- Led Scrum stand-ups and biweekly feedback meetings, coordinating the design and engineering teams.
- Wrote PRDs in Confluence, created Jira backlog items (user stories and tasks), and ran user acceptance testing (UAT).

Balai Riset dan Standardisasi Industri Surabaya (BARISTAND) — *RnD Staff (Intern)* Jun 2019 – Sep 2019
Surabaya, Indonesia

- Built wireless water-flow meters with Arduino and LoRa and integrated them into a web-based water-usage information system.

CERTIFICATIONS AND PUBLICATION

- SQL Fundamentals, DataCamp (Nov 2020)
- ICT Project Management Deputy Manager, BNSP (Dec 2020 – Dec 2023)
- Publication: *Performance Evaluation of ESP8266 for Wireless Nurse Call System*, IEEE, presented at ICVEE (Nov 2020)