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Muhammad Maisur Rahman

SUMMARY

With a strong focus on programming since 2018, I specialize in building robust front-end and back-end solutions. My expertise lies in developing RESTful APIs and admin panels (CMS) to meet complex front-end requirements. My primary programming language is PHP (Laravel), complemented by proficiency in JavaScript (Node.js, NestJS, Strapi, Next.js) and Python (Django, FastAPI).

I am a fast learner who enjoys exploring new technologies and tackling challenging problems. I thrive in collaborative environments where I can contribute to practical, scalable solutions while continuously improving my technical and analytical skills. I value clean, maintainable code and take pride in delivering efficient, user-centered web applications that create real impact.

EXPERIENCE

BTOZ, Jakarta – *Backend Engineer*

Jan 2019 – Jan 2025

- Developed CMS and APIs, mainly using PHP and Laravel for rapid MVP development.
- Managed server maintenance and deployment for various projects.
- Collaborated closely with frontend developers to ensure seamless system integration.
- Contributed to overall business strategy and project planning within a team.

Projects Contributed to:

- Developed an integrated Internal Dashboard and Customer API for ISP Primanala, covering customer, network, billing, inventory, and vendor management systems.
- Develop API ADZ Catering Application and CMS Dashboard, a catering application enabling parents to pre-order meals for their children at school.
- Develop API and Admin Dashboard for ML-based prediction of fishery prices in Indonesian ports using Django.
- Develop API Attendance Application and Admin Dashboard with managed attendance and Proposal Signing.
- Develop API Early Warning System Application in palm oil plantations and

CMS Dashboard.

- Development of an open data portal for the ombudsman using CKAN and NodeJS.
- Creation of an inventory management system for a mosque.
- Resolution of issues in the Bubblefish CMS.
- Develop API for a web application for student admissions in schools.
- Assistant Team Leader in the development of an application for purchasing in-car Wi-Fi packages within vehicles.
- Assistance in quality assurance for the SPDMLK (Surat Pengiriman – Daftar Muat – Laporan Keuangan) application at Herona.
- Assistance in quality assurance for the Personalia Application at Herona.
- Develop API and Admin Dashboard for Tracking Application at Herona.
- Develop Herona website and implement SEO.
- Develop Digital SCM for Adhi Persada Group utilizing Strapi and ReactJS.
- Develop Vendor Management System and e-Catalog for Adhi Persada Group utilizing Strapi and ReactJS.

STTI NIIT I-Tech, Jakarta – Marketing Web Developer

Aug 2016 – Sep 2018

- Build and Maintain Website STTI I-Tech using wordpress.

Zhoopers, Bintaro – PHP Web Developer

Nov 2016 – Nov 2017

- Developed an E-commerce Website using PHP and AJAX.

Puri Pakuan Apartment, Jakarta – Internship

Sep 2015 – Dec 2015

- Assisted employees in learning WordPress.
- Developed a web-based information and reservation system.

EDUCATION

STTI NIIT I-Tech, Jakarta – Bachelor of Computer Science

Nov 2014 – Feb 2019

- Chief Ministry of Internal Affairs, BEM (2014-2015)
- Supervisor of BEM, MPM (2015-2016)

Nurul Fikri Boarding School, Banten – Senior High School

Jul 2010 – May 2013

- OSIS Member (2011-2012)

SKILLS

Languages & Frameworks

- PHP (Laravel, CodeIgniter, WordPress)
- Python (Django)
- JavaScript (Node.js, NestJS, Strapi, Directus, React.js, Vue.js, jQuery)

API & Backend

- RESTful API design & development
- CMS / Admin panels (custom & Headless)
- Background jobs: Celery (Django), Laravel Queue

Real-Time, Messaging & Payments

- WebSockets: Soketi (Laravel Echo Server)
- Push Notifications: Firebase Cloud Messaging (Laravel integration)
- Payment Gateways: Midtrans (credit card, e-wallet, VA), Bank Muamalat (virtual account)

Databases & Caching

- MySQL, PostgreSQL, Redis

DevOps & Deployment

- Docker containers
- CI/CD: GitHub Actions workflows
- Cloud: AWS (EC2, RDS), GCP
- On-premise server deployments (SSH/FTP)

Monitoring & QA

- Error tracking: Sentry
- Automated testing & bug triage

Frontend & Markup

- HTML5, CSS3
- Component-based JS (React, Vue)