

MUHAMMAD ABBAS BIN MOHAMAD PUZI

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Professional Summary

Full Stack Developer specializing in web application development using Javascript or Typescript ecosystem. Strong background in modernizing legacy systems and implementing scalable solutions at CTOS Data System, FPT Software, and Maybank. Experienced in both frontend and backend development, with a focus on creating efficient, maintainable applications.

Skills

Programming Languages: Javascript/Typescript (Proficient), HTML5/CSS3, C#, PHP, Python.

Frontend: React.js, Angular, Next.js, Astro, Tailwind CSS, Bootstrap.

Backend: Node.js, Express.js, .NET Framework, Flask, Slim, RESTful APIs.

Database & ORM: PostgreSQL, MySQL, SQL Server, SQLite, Prisma, DrizzleORM, TypeORM.

DevOps & Cloud: Firebase, Docker, Linux, Supabase, Grafana.

Testing & Tools: Jest, Vitest, Unit Testing, Integration Testing, Postman, Jira, Git.

Work Experience

Web Developer | CTOS Data System | Jan 2024 – Present

- Implemented Grafana monitoring for frontend applications, reducing incident response time by 40% and improving system reliability.
- Developed new features using Next.js, resulting in 35% improvement in application performance through server-side rendering.
- Designed and implemented micro-frontend architecture, enabling modular development and improved team collaboration.
- Created a design system that increased development efficiency by 30% across multiple projects.
- Modernized legacy Angular and Backbone.js applications while maintaining system stability.

Software Engineer | FPT Software (Client: Petronas Digital) | Apr 2023 – Dec 2023

- Built features for pipeline management application using C#, .NET, and Angular.
- Involved in transformation of single-tenant application into multi-tenant SaaS platform supporting multiple enterprise clients.
- Developed RESTful APIs enabling seamless integration between .NET backend and Angular frontend.
- Implemented unit testing and participated in code reviews to ensure code quality and reliability.

Software Developer | Maybank | Jan 2022 – Apr 2023

- Developed and maintained loan processing web application using Node.js and React, responsible for critical system updates and optimizations.
- Implemented secure deployment using PM2, improving system reliability and maintenance.
- Led code refactoring initiatives reducing technical debt by 35%.
- Created API documentation for micro-services, reducing integration time by 40%.
- Collaborated with cross-functional teams to align technical solutions with business requirements.

Education

Bachelor in Islamic Studies, Graduated 2021

University of Malaya, Kuala Lumpur

- GPA: 3.54/4.00
- Dean's list for 4 terms
- Media society president
- Lead an outreach program

Projects

Enterprise Loan Processing System

- Led backend development for award-winning loan processing system (AIBP 2022 Malaysia Enterprise Innovation Award)
- Optimized backend performance and resolved critical system bottlenecks.
- Provided critical L2 support, bridging technical and business needs.

Property Management Portal

- Developed full-stack application with focus on performance and maintainability.
- Implemented Typescript to improve code reliability and reduce runtime errors.

Integrated Pipeline System

- Built multi-tenant pipeline management system using C# and .NET.
- Implemented secure data isolation and efficient database management.

Open Source & Freelance Projects

- Developed diverse applications for clients, demonstrating versatility across projects.
- **walimah.co**: Digital wedding invitation platform using Next.js, Neon Serverless Postgres, and JWT Auth, enabling clients to create interactive invitations with real-time customization; scaled for 1,000+ users, deployed on Vercel with Umami analytics.
- **EzyDurian Putrajaya**: Integrated delivery management system leveraging Lalamove API, Bun, HonoJS, and Turso SQLite, streamlining order and delivery workflows with 70% faster delivery management.
- **Karbon Kore & CCOLib**: E-commerce platforms built with Next.js, TailwindCSS, and Shopify GraphQL API, featuring secure payment integrations and automated deployments via Coolify, enabling customers to shop online products.

Certifications

KPT Fullstack Web Developer Training

- Fullstack web developer training provided by BAC under the KPT-CAP program.

Awards

Manager's Pin Award (Maybank)

- Recognized for outstanding contributions to team success by ensuring seamless functionality and stability of production applications. Played a pivotal role in designing and developing innovative features to enhance user experience and business value.