MUHAMMAD HAFIZI BIN KAMAL ARIFFIN

S O F T W A R E D E V E L O P E R

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SUMMARY

4 years experienced software engineer with a unique journey from nuclear engineering graduate to research officer and now software development. Working with multiple framework Next.js, React, and Laravel with practical experience in MSSQL and MySQL database optimization. This diverse background brings strong analytical and problem-solving skills to backend development. Committed to continuous learning, security-focused solution design, and delivering innovative results.

PROFESSIONAL EXPERIENCE

Freelance Projects (Full Stack Developer)
Freelancing with multiple clients **February 2025 – Present**

- **Designed and developed scalable web applications using Next.js, and Laravel improving user experience and responsiveness across devices.**
- **Built RESTful APIs and integrated third-party services (e.g., payment, scheduling, communication APIs).**
- **Optimized frontend performance using lazy loading, component optimization, and efficient state management.**
- **Implemented secure authentication and role-based access control.**
- **Performed basic testing and debugging to ensure application stability and performance.**
- **Collaborated with clients, designers and backend teams to translate business requirements into technical solutions.**

Accomplishment:

1. **Organization Website**
   - Develop a website to control admin and user investing model.
   - Laravel (Inertia), React, Tailwind, TypeScript, MySQL, REST API.

2. **Anycomp Website**
   - Developed a web application platform for secretaries to promote and sell their services online.
   - Laravel (Inertia), React, Tailwind, TypeScript, MySQL, REST API.

3. **Admin Panel**
   - Developed a website to control game providers, agents and igaming's players.
   - Laravel (Inertia), React, Tailwind, TypeScript, MySQL, REST API, Ubuntu.

4. **iGamming Platform**
   - Created a website for players to have fun playing games.
   - Laravel (Inertia), React, Tailwind, TypeScript, MySQL, REST API, Ubuntu.

SOFTWARE DEVELOPER
Webgeaz Sdn. Bhd. **March 2023 – Dec 2024**

- **Developed full stack web applications across multiple enterprise projects using React and backend technologies.**
- **Integrated external APIs and internal systems to streamline business workflows.**

Accomplishment:

1. **Project: eMSC (SIRIM QAS International Sdn. Bhd.)**
   - Created a scheduling module that synchronized with existing internal systems and external APIs.
   - Helped SIRIM's auditors efficiently manage audit workflows.
   - React, MySQL, CSS, JavaScript, Ubuntu, Java, Azure.

2. **Project: Oceztra (Internal Product)**
   - Developed a task management system for multi-role users to create, track, and manage tasks.
   - Developed a notifications system to boost team collaboration and accountability.
   - SOAD, MySQL, CSS, HTML, JavaScript, Ubuntu, Java, Azure.

EDUCATION

1. **Bachelor of Engineering (Nuclear).**
University of Technology Malaysia (UTM):
   - Graduated with a CGPA of 3.15
   - First programming experience utilizing Fortran and MATLAB as a tool for research.
   - Director, Electrical Accident Awareness Program (2019).
   - Multimedia Committee, INuSTEC Conference

STACKS

1. **Programming languages**: Python, jQuery, TypeScript, JavaScript (ES6+), HTML5, CSS, Java, Bootstrap, Tailwind CSS.
2. **Database query**: MySQL, MSSQL.
3. **Operating systems**: Git, Ubuntu/Linux.
4. **Frameworks/libraries**: React, Next.js (SSR, SSG), Laravel (Inertia), SOAD, NodeJS, PHP, Prisma.
5. **Server & API**: CometChat, Microsoft Azure, Codelabs, Google Calendar.

CERTIFICATIONS

1. Project Management Essential.
2. Mobile app development using flutter (fundamental).
3. Effective communication for better workplace efficiency.
4. ISO 9001:2015 Understanding and implementing.
5. ISO 9001:2015 Risks and opportunities.

FULL STACK DEVELOPER TRAINEE

LAUNCHPAD 360 by TalentCorp **FEBRUARY 2022 - JULY 2022**

Participated for 6 months in a training program focused on full stack development organized by TalentCorp under Yayasan Pahang.

Accomplishment:

- Trained in JavaScript, HTML, CSS, Bootstrap, and Node.js.
- Built a full web application from scratch using React and Node.js (MERN).