MUHAMMAD FAIZ BIN AZMI

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SUMMARY

Fresh **Software Engineering graduate** skilled in **frontend development** with expertise in **React.js, Next.js, Angular, and Ionic**. Experienced in building **enterprise and government-level applications**, focusing on **security, scalability, and user experience**. Passionate about developing **high-performance web applications** and eager to contribute to impactful development roles.

EDUCATION

UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH   Pekan, Malaysia
Bachelor of Computer Science (Software Engineering) with Honours   October 2020 – October 2024
- **CGPA: 3.52**, Dean 's List for Semester 1, 5, 6, and 7.
- Relevant Coursework: Object Oriented Programming, Data Structure & Algorithm, Algorithm & Complexity, System Analyst and Design, Human Computer Interaction, Software Engineering Practices, Web Engineering, and Mobile Application and Development.

KOLEJ MATRIKULASI PAHANG   Gambang, Malaysia
Science Stream Module II (Two Semester)   April 2019 – April 2020
- **CGPA: 3.29**
- Relevant Coursework: Computer Science, Physics, Mathematics, Chemistry.

SEKOLAH MENENGAH KEBANGSAAN AGAMA TENGKU AMPUAN HAJJAH AFZAN   Jerantut, Malaysia
Sijil Pelajaran Malaysia (SPM)   2013 – 2018
- **SPM: 9A 2B**

WORK EXPERIENCE

ABATA COMMERCE SDN BHD   Cyberjaya, Malaysia
Front-End Developer (Internship)   March 2024 – August 2024
- Developed and maintained **enterprise-level applications** (MYKKP, PINS, and HIAS), ensuring **government security compliance and seamless system integration**.
- Built **scalable and dynamic modules** using **Angular, Ionic, TypeScript, JavaScript, and API integration**, improving system efficiency and user experience.
- Enhanced testing strategies and issue resolution, resulting in a **20% increase in team productivity** and a **15% reduction in project delivery times**.
- Collaborated in an **Agile development environment**, effectively applying problem-solving and teamwork to deliver impactful solutions.

PROJECTS

PROFILING INFORMATION SYSTEM (PINS)   July 2024
- Designed and developed a **dynamic FAQ module** for **Pegawai and Admin**, increasing **knowledge base utilization by 15%** and promoting **self-service support**.
- Optimized **inspection processes** and ensured **regulatory compliance** by collaborating with cross-functional teams to deliver **functional and scalable modules**.
- Implemented **responsive UI components** using **TypeScript, Angular, and Ionic**, enhancing **user experience and system accessibility**.

MYKKP (RUU JENTERA)   April 2024 - June 2024
- Developed key modules for **Pemeriksaan Pindah Loji Pemunya (PPLP), Pindah Loji Hak Milik (PPLHM), Pemeriksaan Pembaikkan (PBaik), and Pemeriksaan Berkala (Pekala)**, enhancing compliance and regulatory enforcement in the defense and automotive sectors.
- Implemented a **strategic module development plan**, reducing **compliance-related incidents by 50%** and improving data accuracy.
- Delivered **scalable and secure solutions** using **Angular, TypeScript, and JavaScript**, ensuring seamless system integration and user accessibility.

DISTANCE MEASUREMENT FOR SMART CAR USING SOBEL EDGE DETECTION   March 2023 – Jan 2024
- Developed an **AI-powered distance estimation system** using **Python and OpenCV**, processing **50,000+ images** to improve vehicle assessment accuracy.
- Tackled key challenges in **illumination variance, object occlusion, and multi-object detection**, enhancing system robustness and precision.
- Earned **Silver at CITREX 2024** and achieved **Top 20 placement at FYPro-Com**, demonstrating leadership**,** innovation, and technical expertise in computer vision and image processing.

SKILLS

Technical Skills:
- **Frontend Development:** React.js, Next.js, Angular, Ionic, Tailwind CSS
- **Programming Languages:** JavaScript, TypeScript, C, Java, Python
- **Databases:** SQL, Firebase
- **Tools & Workflows:** Bitbucket, GitHub, GitLab, Figma, Agile Development

Languages:
- Bahasa Malaysia (Native Speaker)
- English (C2 -Competent)

REFERENCES

TS. DR. ZALILI BINTI MUSA
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