

# Muhammad Haizad Annuar Zaini

Programmer | Full-Stack Developer 📍 Shah Alam, Selangor | ☎ 6011 56356208

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## Professional Summary

Dedicated and versatile Programmer with over 6 years of experience in full-stack development, mobile applications, and systems integration. Proven track record in building proprietary web/mobile solutions, managing high-performance REST APIs, and leading technical teams within Agile environments. Experienced in the full software development lifecycle, from UI/UX design to hardware-software integration.

## Technical Skills

Category	Skills
Programming	PHP, Dart (Flutter), JavaScript, SQL, C/C++, Python
Frameworks/Tools	Laravel, Docker, Git, Postman, Visual Studio Code, Android Studio, XCode, Trello
Server Architecture	LAMP Stack (Linux, Apache, MySQL, PHP), LAPP Stack (Linux, Apache, PostgreSQL, PHP)
Infrastructure	Linux (SSH, NGINX, Apache), Firebase Cloud Functions, Raspberry Pi (SSD Boot/Config)
Design/AI	UI/UX (Figma, Inkscape), AI Prompting (Gemini, ChatGPT)
Databases	MySQL, PostgreSQL, Oracle SQL, Firestore, Firebase Real-time Database

## Professional Experience

### MY IRC Sdn. Bhd. | Serdang, Selangor



Programmer | May 2023 – Present

- **Product Development:** Led the development and maintenance of in-house proprietary web and mobile applications using Agile/Scrum frameworks.
- **Fintech Integration:** Implemented **Payment Gateway APIs** to facilitate seamless in-app transactions.
- **System Integration:** Integrated existing APIs to enhance system functionality and manage backend data using MySQL.
- **API Management:** Built and documented RESTful APIs, ensuring seamless communication between mobile and web platforms.
- **Leadership:** Mentored and managed interns, fostering technical growth and team productivity.

### V.NET Computer Services Sdn. Bhd. | Serdang, Selangor



Programmer | August 2019 – February 2023

- **Full-Stack Development:** Designed, implemented, and maintained iterative features for various software products.
- **Database Architecture:** Designed custom database schemas to meet complex client requirements.
- **Manual Documentation:** Conducted rigorous endpoint testing via Postman and maintained comprehensive API documentation.

### Nine Bytes Engineering | Shah Alam, Selangor



Junior General Assistant / Intern | 2017 – 2019

- **Technical Support:** Performed precision **soldering** for electronic components and assisted in hardware assembly.
- **Quality Control:** Conducted **Factory Acceptance Tests (FAT)** to ensure systems met technical specifications before deployment.
- **Logistics & Admin:** Managed administrative workflows, including the preparation and delivery of **Delivery Orders (DO)** and **Invoices**.
- **IoT & Hardware Setup:** Gained hands-on experience in **setting up and configuring Raspberry Pi** (OS installation) through SD card.

## Key Projects & Achievements

### Cashless Solution Project (Proprietary) | 2023 – 2025

- **Role:** Contributed to the development and long-term maintenance of a secure ecosystem.
- **Optimization:** Monitored system performance and addressed technical debt to ensure transaction reliability.

### LED Parking Display Integration | *October 2025*

- Executed a contract project involving hardware-software data exchange.
- Utilized **MQTT protocol** for data transfer to serial converters via **RS232 and RS485** communication.

### Backend System Development | 2019 – 2025

- Architected RESTful APIs for diverse web and mobile application ecosystems.

### Laravel Migration & Performance | *Late 2024*

- Managed dependency updates and resolved breaking changes to ensure system compatibility and performance optimization.

### Discount Validator Mobile Application | 2023 – 2024

- Developed a specialized mobile solution for validation processes, including full-stack hosting and server setup.

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## Open Source & Contributions

- **Laravel Packages:**
  - [haizad/laravel-keycloak-admin](#)
  - [haizad/laravel-auditing](#)
- **Raspberry Pi Installation Guide:**
  - <https://github.com/haizad/serverpi>

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## Education

- **Bachelor's Degree in Human Resource Management** UiTM Puncak Alam | 2016
- **Diploma in Business Studies** UiTM Segamat | 2014

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## Languages

- **Bahasa:** Native/Fluent (Written & Spoken)
- **English:** Professional Working Proficiency