

# IESKANDAR ZULQARNAIN

Seeking Junior Software Developer/Software Engineer Role

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## Career Objective

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A passionate and self-motivated software developer eager to contribute to innovative and impactful projects. I aim to leverage my technical skills and problem-solving abilities in a dynamic environment while continuously learning and growing. My goal is to develop user-centric solutions, excel as a team player, and advance to a Senior Developer role within the next five years, where I can lead projects and mentor others.

## Education

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### Bachelor of Computer Science (Software Engineering) with Honours, Universiti Teknologi Malaysia (UTM)

Oct 2020 – Oct 2024

**CGPA:** 3.96

**Courses:** Data Structures & Algorithms, Databases, Probability & Statistical Data Analysis, OOP, Software Engineering, Real-Time Software Engineer

### Science Stream Module, Kelantan Matriculation College (KMKT)

April 2019 - April 2020

**CGPA:** 3.96

### Sekolah Menengah Kebangsaan Pahi, Science Stream

January 2017 – December 2018

**SPM:** 3A+ 4A 1A- 1C+

## Skills

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- Programming Languages & Frameworks:** C++, Java, JavaScript, Python, React.js, Spring Boot, Django, Flutter (Dart), PHP, HTML, CSS.
- Databases:** MySQL, SQL, Firebase Firestore.
- Tools & Platforms:** Git, GitHub, Visual Studio Code, RESTful API, OpenAI Console, Anthropic Console, Groq Cloud Console, Vertex AI by Google.
- Other Skills:** Problem-solving, teamwork, communication, debugging, Testing.

## Work Experiences

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### Webgeaz Sdn Bhd

Software Developer

Aug 2024 – Present

- Developed and designed the Dashboard PIWN system for Jabatan Wakaf, Zakat dan Haji (JAWHAR), to monitor Wakaf.
- Learned, developed and designed the working AI code prediction for SOAD framework, using RESTful API by various providers.
- Developed Ezapp, a booking management system using React.js and the SOAD framework.
- Improved the SOAD framework by creating a reusable base template.
- Applied PWA concepts to enhance the user experience.
- Strengthened communication and negotiation skills through staff training.
- Focused on creating user-friendly GUIs for better usability.

### Institute For Artificial Intelligence And Big Data (AIBIG, UMK)

Full Stack Developer (Internship)

Oct 2023 – February 2024

- Developed AIBIG Main Website using Spring boot MVC with integration MySQL database
- Developed AIBIG Research Assessment System (AIRAS) using Django with integration MySQL database and collaborate with one of the AIBIG Staff
- Create and Print the AIBIG souvenirs (3D Model) using SketchUp and Ultimaker Cura for slicing.
- Help other colleagues troubleshoot code, debug errors and deploy the project.
- Developed the RESTful API using Python and JAVA for internal usage.
- Learn and apply the JS plugin to both projects which AIBIG's main website and AIRAS

## DreamEDGE

Software Engineer

(Internship – Voluntary Industrial Training for 1 month)

1st Aug 2022 – 31st Aug 2022

- Help and make a Software Testing Documentation(STD) for troubleshooting KAWBRA (unmanned ground vehicle (UGV))
- Help the staff troubleshoot the errors for Arduino and Raspberry wiring.
- Help and fix the code for Arduino
- Learn and make rewiring the KAWBRA

## Achievements

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**JPA PIDN Scholar**

September 2021 – Aug 2024

**Dean's List - Bachelor of Computer Science (Software Engineering)**

September 2020 – Aug 2024

Every semester

**Kolej Tun Dr. Ismail Open Day Resak 2022 (OPERA'22)**

March – May 2022

Head of RESAK Run Activity

- Plan, prepared, handled, & managed all related activities – Senam Robic, Fun Run
- Create a route for Fun Run

**Kolej Tun Dr. Ismail Sports & E-Games 2022(SEGA'22)**

Sept – December 2022

Activity Unit Committee Member

- Plan, prepared, handled, & managed the e-games tournament – PUBG Mobile

## Projects

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**Dashboard PIWN Jabatan Wakaf, Zakat dan Haji(JAWHAR) (Web Application)**

- Developed as a Software Developer at Webgeaz Sdn Bhd using the company's SOAD framework and MySQL database, which integrated with the SOAD framework.
- To monitor the ongoing Wakaf, Zakat, Haji, tasks percentage for JAWHAR's staff.
- Enhance the workflow from the traditional method (manual filing and Excel) to the centralized web application.

**Ezy Booking System (EzApp) (Web Application)**

- Developed as a Software Developer at Webgeaz Sdn Bhd using React.js and the company's SOAD framework
- Centralized platform for managing bookings, automating appointment slot generation, and enabling seamless user appointment scheduling.
- Applied PWA concepts to optimize the system for mobile access, ensuring a responsive and app-like experience for users.

**AIBIG Main Website (Web Application)**

- Developed during an Institute for Artificial Intelligence and Big Data (AIBIG) internship.
- Used Spring Boot, deployed on Webmin, and converted from a static website to a database-integrated site using MySQL.

**HASTA Car Rental System (HAMS) (Web Application)**

- Final Year Project during the Degree at UTM Skudai.
- Developed using Spring Boot MVC and integrated with Firebase Database (Firestore).
- This project for HASTA's staff to manage all the credentials for vehicles, reservations, maintenance and customers.

**RESIPRO Resident Management System (Mobile Application)**

- Developed as part of a team, featuring SOS, visitor registration, authentication, notifications, and residency management.
- Integrated with Firebase Database (Firestore) using Dart and Flutter as a framework.

## References

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