

# Muhammad Akmal Fikri Bin Asma Zaki

## Software Engineer

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## SUMMARY

Motivated Computer Science student with hands-on experience in Java, PHP, and SQL. Passionate about back-end development and committed to solving real-world problems through code.

## EDUCATION

**UNIVERSITI TEKNOLOGI MARA**  
[ Diploma in Computer Science ]

Tapah Road, Perak  
Sept 2023 - Feb 2026

CGPA: 3.78/4.0, Muet: Band 4  
**SMKA SULTAN AZLAN SHAH**  
[ SPM: 7A, 3B ]

Seri Iskandar, Perak  
Jan 2018 - March 2023

## WORK EXPERIENCE

**NORA'S CREATIVE COLLECTION**  
[Crew Member]

Seri Iskandar, Perak  
May 2023 - July 2023

- Operated and maintained printing machinery to ensure daily business operations ran smooth

**UNIVERSITI TEKNOLOGI PETRONAS**  
[Internship]

Seri Iskandar, Perak  
Sept 2025 - Feb 2026

- Contributed to the full development lifecycle of a new financial portal for the UTP Finance Division, designed to be the central hub for all internal departments and external clients.
- Actively participated in daily departmental activities, including team meetings, financial reporting, and process improvement sessions.

## PROJECT

**UTP VENDOR HUB**

Oct 2025 - Dec 2025

- Developed and launched a centralized finance web portal using Microsoft SQL Server as database, HTML + CSS as front end, PHP as backend and MSSQL as database.
- Gained a deep understanding of debugging and code structuring in a complex UTP hierarchy.

**TASK AND PROJECT MANAGEMENT SYSTEM**

May 2025 - June 2025

- Built a fully functional website for organizations to assign tasks to their employees effectively. Implemented chart.js and modern-looking website.
- Developed using HTML, CSS, JavaScript and PHP. Website link: <https://akri.kesug.com/>

**LIBRARY MANAGEMENT SYSTEM (BACK-END)**

March 2025 - May 2025

- Developed a RESTful backend using Spring Boot. Implemented CRUD operations, authentication, and role-based access.
- Gained a deep understanding of debugging and code structuring in a complex back-end environment.

## TECHNICAL SKILLS

- Programming Languages:** Java, C++, HTML/CSS, PHP, Python, Visual Basic, Javascript
- Frameworks:** Spring Boot, React-Native, Flask
- Databases:** MySQL, Microsoft Access, MSSQL, Appwrite, Postgresql
- Tools & Platforms:** GitHub, VS Code, VB Studio, SSMS, GitHub
- Others:** Web Development, UI/UX Design, Rest API, Microsoft Excel, Scikitlearn, Power BI

## CERTIFICATES

- Devcon 2K24: HackBlast - Hackathon

