

# Shahathir Iskandar - Jr. Software Developer

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## ABSTRACT

Versatile and motivated IT bachelor fresh graduate with a passion for software development & IT systems. Strong work ethic, team player, and quick learner. Skilled in communication, adaptability, problem-solving and troubleshooting. Good computer hardware & software literacy. Intermediate proficiency in few languages, frameworks, tools and cloud technologies. Searching for entry-level opportunities as a software developer, programmer, or any related IT position.

## EDUCATION

- **Bachelor of Information Technology (Hons.) in Software Engineering** Kuala Lumpur, Malaysia  
*Universiti Kuala Lumpur - Malaysian Institute of Information Technology* Sept 2021 - Feb 2025
  - CGPA: **3.78/4.00** (First Class Honours) — Foundation Year: **3.67/4.00** — SPM: **3A+, 6A, 1B+**.
  - 6 time Dean's List Award recipient in 6 semesters.
  - Relevant Coursework: Object-oriented Programming, Data Structures & Algorithms, Internet Programming, Mobile Computing, Database Systems, Software Testing, Computer Network.

## WORK EXPERIENCE

- **Estee Lauder Malaysia Sdn. Bhd.** October 2024 – February 2025  
*Software Engineer Intern* Internship (On-site)
  - Contributed significantly to the development and delivery of the **Support Portal**, a critical internal web application streamlining data resend and sync processes and improving operational efficiency for multiple Asia-Pacific affiliates of Estee Lauder Companies.
  - Developed and maintained over 10 interactive UI screens for the Support Portal using React.js, Material-UI, Redux Toolkit, and Axios, resulting in a user-friendly interface for managing data resend and sync requests.
  - Developed reusable components to reduce code duplication by approximately 40% and accelerate development of new features.
  - Implemented dynamic routing and conditional rendering of sidebar menus based on user roles and permissions using React Router and custom hooks, enhancing application security and protecting sensitive user data.
  - Implemented client-side data validation and error handling to improve data integrity and user experience.
  - Refactored existing JavaScript components into TypeScript to enhance code maintainability and type safety.
  - Utilized Axios for making asynchronous API requests to the backend, handling responses, and managing loading states.
  - Implemented a global light/dark mode toggle using Redux and Material-UI's theme provider, improving user accessibility.
  - Built interactive dashboards using @mui/x-charts to visualize key data resend metrics, providing valuable insights to stakeholders
  - Developed REST API endpoints using Spring Boot and Java following MVC pattern to support functionalities, including multi-level user authentication and registration, data resend and sync services, history service table listings, admin account maintenance, user profile, and data visualization dashboard.
  - Utilized Git and GitHub for version control, following a feature branch workflow and creating pull requests for code reviews, resulting in merges into the development branch.
  - Collaborated with senior developers to resolve merge conflicts and ensure code quality, contributing to a stable and maintainable codebase.
  - Presented the Support Portal project to stakeholders (Asia-Pacific region affiliates), showcasing strong communication and presentation skills, and gathering valuable feedback for future development.
  - Participated in every daily stand-up meeting, following Agile and Scrum methodologies, contributing to sprint planning and task estimation.
  - **Technology used:** Frontend: (React.js, Typescript, Vite, React Router, Axios, Redux Toolkit, Material-UI, SCSS, Vitest). Backend: (Java, Springboot, Spring Security, Gradle, MSSQL Server, Docker, JWT, JUnit). Tools: (Git, GitHub, DBeaver, VS Code, Postman API, Swagger UI, Jira, Confluence).

## TECHNICAL SKILLS

**Programming Languages:** Java, PHP, Typescript, Javascript, Python, Dart, HTML/CSS.

**Frontend:** React.js, NextJS, Vite, React Router, Material-UI, Redux Toolkit, Axios, Tailwind, Bootstrap, SCSS.

**Backend:** Java Springboot, Vanilla PHP, NodeJS (Express), Jakarta EE (J2EE).

**Databases:** MySQL, MSSQL Server, SQLite, Appwrite (BaaS), Derby JDBC.

**Dev Tools:** Git, Docker, VSCode, XAMPP, Apache Web, Nginx, Ngrok, DBeaver, Postman API, Android Studio.

**Deploy Tools:** DigitalOcean (Droplet VM), Vercel, Netlify.

**Video & Design Software:** Figma, Photoshop, Illustrator, Canva, MS Powerpoint, Davinci Resolve.

**Documentation Software:** MS Office365, MS Outlook, MS Word, MS Excel, Overleaf (LaTeX), Confluence, Jira.

**IT Support:** Computer component or peripheral troubleshoot, maintenance & upgrade, Basic BIOS knowledge.

## PROJECTS

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- **Catalogd** ☞ — *NextJS Full-stack Web-App*
  - Built a full-stack social cataloging web application tailored to meet the needs of the video game community.
  - Implemented secure NextJS auth with SSO, fetched video game data through a public REST API, styled UI components with Tailwind CSS, and integrated Appwrite database collection as a service for catalogs.
  - **Features include:** title cards, title information, title search, tailored lists, genre filter, title cataloging, rate & review, similarity suggestions, vector search, public chat room, responsive web and mobile UI.
- **My PHP Docker** ☞ — *LAMP/PHP Web-App Project*
  - A full-stack web-app made using PHP, Apache Web, MySQL, Docker, Vanilla JS, HTML, Tailwind CSS. Learned more about the basics of web development as well as how to package for development and deployment inside of a Docker compose container through this project.
  - Includes: vehicle rental management system, movies/cars database, and fun calculators.
- **EduCafe Booking** ☞ — *Java Web-App Project*
  - Built a full-stack school cafeteria service Java (J2EE) web app for remote food bookings and management.
  - Developed the UI with JSPs and Servlets, implemented business logic with EJBs, and integrated a MySQL database for efficient data management and storage.
- **AI Game Recommender** ☞ — *Recommender System Project*
  - Developed a NextJS web application that leverages AI through vector embedding to provide video game recommendations through vector search and similarity suggestions, integrating over 1500 video game titles.
- **Easy Conference** ☞ — *Flutter Mobile App*
  - Developed an offline Flutter mobile app to learn more about CRUD operations and state management.
  - Worked on the SQLite backend to ensure secure authentication, correct data storing & retrieval.
- **RAWG to CSV** ☞ — *Python Fetch Script*
  - Developed a comprehensive data pipeline to fetch, process, and store video game data from the RAWG API, and export it to various formats including SQLite databases and CSV files.
  - Successfully retrieved and processed data for over 4000 video games.

## CERTIFICATES

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- **Google IT Automation with Python Specialization** ☞ — *Coursera*
  - Utilized Python scripting to automate tasks and manage IT resources across physical & cloud-based VMs.
- **Google IT Support Specialization** ☞ — *Coursera*
  - Acquired skills for entry-level IT support, including computer assembly, networking, installation & service. Gained experience in troubleshooting & debugging, and proficiency in using Linux, DNS, & CLI.
- **Google Cybersecurity Specialization** ☞ — *Coursera*
  - Developed an understanding of cybersecurity practices and their impact using SIEM tools.
- **Google UX Design Specialization** ☞ — *Coursera*
  - Conducted UX research and applied user-centered design principles.
- **Google Project Management Specialization** ☞ — *Coursera*
  - Acquired an understanding of the skills essential for Agile project management.
- **Malaysian University English Test (MUET)** — *Majlis Peperiksaan Malaysia (MPM)*
  - Band Achieved: 4.5

## ORGANIZATIONS

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- **Software Engineering and Programming Club UniKL MIIT** — *Club Member*
  - Was actively involved in activities & workshops held by the club to promote a software engineering culture.
- **Developer Student Club UniKL MIIT by Google Developers** — *Club Member*
  - Joined and worked closely with 100 participants in workshops on PHP, Flutter, Javascript and Git.

## SOFT SKILLS

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|---------------------|-------------------------|-------------------|-------------------------|
| • Good communicator | • Problem-solver        | • Organized       | • Professional attitude |
| • Team player       | • Adaptable & versatile | • Detail-oriented | • Emotional intelligent |

## SPOKEN/WRITTEN LANGUAGES

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- Bahasa Melayu - Native proficiency
- English - Professional and conversational proficiency

## REFERENCES (WILL BE PROVIDED UPON REQUEST)

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- Christopher Felix Gomez - Director & Capability Lead of Solution Engineering @ Estee Lauder Malaysia
- Mohd Hafizh bin Mohamed - Lecturer & University Supervisor @ Universiti Kuala Lumpur - MIIT