

# Shahathir Iskandar - Jr. Software Developer

shahathir.me | github.com/shadeiskndr | /in/shahathir-iskandar

shahathiriskandar43@gmail.com

+601153787564

## 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 data sync processes to downstream applications and services, to improve the operational efficiency for multiple Asia-Pacific affiliates of Estee Lauder Companies organization.
  - Developed and maintained over 10 interactive UI screens for the Support Portal using React.js and Material-UI, resulting in a user-friendly frontend interface for managing data resend and data sync requests.
  - 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 data sync services, history service table listings, admin account maintenance, user profile, and data visualization dashboard.
  - Developed reusable components to reduce code duplication by 40% and accelerate new feature development.
  - Implemented dynamic routing and conditional rendering of sidebar menus based on user roles and permissions using JWT, Spring Security, React Router and custom React hooks, enhancing application security.
  - Implemented client-side and server-side form data validation and error handling to improve data integrity.
  - Refactored existing JavaScript components into TypeScript to enhance code maintainability and type safety.
  - Utilized Axios and Redux Toolkit effectively for making asynchronous API requests to the backend, handling responses, and managing loading states
  - Implemented a global light/dark mode toggle using Material-UI's theme provider, improving user accessibility.
  - Built interactive dashboards using @mui/x-charts to visualize key data resend metrics to stakeholders
  - Utilized Git and GitHub for version control, following a feature branch workflow and creating pull requests for code reviews, resolving merge conflicts, resulting in merges into the development branch.
  - 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, JavaScript (*TypeScript*), COBOL, PHP, Python, HTML/CSS.

**Frontend:** React.js (*Next.js, Vite, React Router, Material-UI, Shadcn-UI, Redux Toolkit, Axios, Vitest*), Angular (*Angular CLI, Angular Material*), Tailwind CSS, Bootstrap, SCSS.

**Backend:** Spring Boot (*Maven, Gradle, Hibernate, Spring Web, Spring Security JWT, Spring JDBC, Spring Data JPA, Swagger UI, JUnit*), Vanilla PHP, Node.js (*Express.js*), Python FastAPI, Jakarta EE (*J2EE*).

**Databases:** MySQL, MSSQL Server, PostgreSQL, MiniO, SQLite, VSAM, JSON, XML, Appwrite (*BaaS*).

**Dev Tools:** VSCode, Git, Docker Compose, Dockerfile, Apache Web, Nginx, DBeaver, Postman, cURL, Bash

**Deploy Tools:** DigitalOcean (*Ubuntu Linux Droplet VM*), Cloudflare Tunnel, Ngrok Tunnel, Vercel, Netlify.

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

**Documentation:** 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

---

- **Catalogd** ☞ — *React.js Full-stack Web-App*
  - Built a full-stack social cataloging web application tailored to meet the needs of the video game community.
  - Implemented secure React.js 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.
- **Country Economic Indicator Analytics Dashboard** ☞ — *Java Spring Boot, React.js Web-App Project*
  - Developed using Java Spring Boot, React.js and MySQL, the full-stack web application serves to provide access to various global economic indicators of each country, including: GDP growth rates, population growth rates, education expenditure percentages, inflation rates and labour force statistics.
- **To-Do List** ☞ — *COBOL, Angular, Express.js Web-App Project*
  - Built a full-stack to-do list web application for users to keep track of their daily tasks. Utilized Docker Compose and Dockerfiles to simulate a legacy backend environment of COBOL and VSAM (.dat). Implemented Node.js socket server and Express.js REST APIs as middleware to communicate with the backend. Developed a user-friendly frontend interface using Angular CLI and Angular Material.
- **EduCafe Booking** ☞ — *Java J2EE Web-App Project*
  - Developed a full-stack school cafeteria service Java (J2EE) web app for remote food bookings.
  - Developed the UI with JSPs and Servlets, implemented business logic with EJBs, and integrated a MySQL database for efficient data management and storage.
- **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.
- **AI Game Recommender** ☞ — *Next.js Recommender System Project*
  - Developed a Next.js 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.
- **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

---

- **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.
- **Malaysian University English Test (MUET)** — *Majlis Peperiksaan Malaysia (MPM)*
  - Band Achieved: 4.5

## SOFT SKILLS

---

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

## SPOKEN/WRITTEN LANGUAGES

---

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

## REFERENCES (WILL BE PROVIDED UPON REQUEST)

---

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