SHAHATHIR ISKANDAR

📞 +601153787564　💼 linkedin　✉ shahathiriskandar43@gmail.com
🌐 shahathir.me　⬤ github.com/shadeiskndr

Abstract

Versatile and motivated 22 year-old Malaysian Software Engineering Undergraduate from Universiti Kuala Lumpur with an affinity for software development ranging from web, mobile and desktop applications. Dedicated team player with a strong work ethic, adept at handling pressure, and committed to continuous learning. With a comprehensive skillset including proficiency in programming languages such as Java, Typescript, Javascript, PHP, Dart, Python, HTML and CSS as well as several notable programming frameworks, I am eager to continue expanding my skills and contribute to innovative projects for companies in the field of IT and software development. Looking for internship opportunities and available to start on the 1/8/2024. Willing to commit to at least 6 months of internship duration.

Education

Bachelor of Information Technology (Hons.) in Software Engineering　**Sept 2021 – Feb 2025**
Universiti Kuala Lumpur - Malaysian Institute of Information Technology　*Kuala Lumpur, Malaysia*
- **Current CGPA: 3.79/4.00**
- Awarded 5 Dean's List Awards for outstanding academic achievement in 5 consecutive semesters of study.
- On track for First Class Honours.
- Distinction in Final Year Project (FYP) supervised by Ts. Zanariah Abu Bakar.

Foundation in Science　**June 2020 – June 2021**
Universiti Teknologi MARA　*Selangor, Malaysia*
- **CGPA: 3.67/4.00**
- Courseworks taken: Mathematics for Scientists I & II, Physics I & II, Chemistry I & II and Biology I & II.

Malaysian Certificate of Education (SPM)　**2015 - 2019**
Sekolah Menengah Kebangsaan Sungai Pusu　*Selangor, Malaysia*
- **3A+, 6A, 1B+** for 10 subjects including Additional Mathematics, Computer Science and English.

Technical Skills

Programming Languages: Java, PHP, Typescript, Javascript, Python, Dart, HTML/CSS.
Frameworks & Tools: NextJS, ReactJS, NodeJS, Astro, Tailwind CSS, Java Enterprise Edition (EE), Apache Web, Java Ant, Flutter, React Native, Laravel, XAMPP, GlassFish, Android Studio.
Databases: MySQL, NoSQL, Appwrite, SQFlite, Firebase, MongoDB, PrismaDB, MariaDB, Derby.
Cloud & DevOps: Git, Docker, Vercel, Netlify, DigitalOcean, Nginx, Kubernetes, Google Cloud, Heroku.
Code Editor and IDE: Visual Studio Code, Netbeans, IntelliJ, Sublime Text, Eclipse.
Design Tools: Figma, Adobe Photoshop, Adobe Illustrator, Canva, Microsoft Powerpoint.
**Documentation Tools**: Microsoft Word, Microsoft Excel, Overleaf (LaTeX).

Notable Projects

Catalogd 🔗 | A Social Cataloging Web App for Video Games　**Sept 2023 – Present**
TypeScript, NextJS, Tailwind CSS, Appwrite, REST API　*Final Year University Project*
- Catalogd is a full-stack social cataloging web application tailored to meet the needs of the video game community. A platform where gamers can catalog their gaming experiences, discover titles, share reviews, and connect.
- **Features include:** title cards, title information, title search, tailored lists, genre filter, title cataloging, rate & review, AI recommendation, similarity suggestions, vector search, public chat room, responsive web & mobile UI.
- Implemented secure authentication with the help of NextJS and Appwrite auth documentation.
- Worked on fetching thousands of video game data through RAWG API by using NextJS API routes.
- Utilized Tailwind CSS to create beautiful UI for each page of the web app.
- Integrated Appwrite database as a BaaS to store each profile's game catalogs.

AI Game Recommender ⧉ **| Data & ML/AI Recommendation Web App** June 2024
TypeScript, NextJS, Tailwind CSS, DataStax, Mistral, REST API *Personal Project*
- A web application that leverages AI through vector embedding to provide personalized video game recommendations through prompts & vector search.
- Over 1500 video game titles recognized for vector search recommendations integrated into Catalogd.
- Integrated Mistral AI with DataStax to calculate vector embedding for each video game title data.

My PHP Docker ⧉ **| Full-stack PHP Web App** March 2023
PHP, MySQL, Apache Web, Tailwind CSS, Docker, DigitalOcean (Linux) *University Project*
- A full-stack web application to show my past PHP university projects for Internet Programming class.
- **Projects include:** vehicle rental management system, my movies, cars database & fun calculators.
- Used Docker Compose for portable local development & deployed on a DigitalOcean Ubuntu VM.

EduCafe Booking ⧉ **| Full-stack Java EE Web App** Jan 2024
Java, Java Enterprise Edition (EE), MySQL, Tailwind CSS *University Project*
- EduCafe Booking Web App is a full-stack school cafeteria service web app that allows students to order their meals remotely, enables staff to manage food bookings, and improves the manager's workflow.
- Designed and developed the web app's UI layer using JSPs & Servlets for a user-friendly experience.
- Implemented the business logic layer using EJBs to handle the application's core functionalities.
- Integrated the MySQL database to manage and store all relevant data efficiently.

Shahathir.me ⧉ **| My Portfolio Website** May 2024
TypeScript, NextJS, Tailwind CSS *Personal Project*
- Created a portfolio website to showcase my technical skills and personal projects as well as university projects that I have done.

Easy Conference ⧉ **| Conference Registration Flutter Mobile App** June 2023
Dart, Flutter, SQFlite, Android Studio *University Project*
- Developed a full-stack Flutter mobile app to allow registration to a conference.
- Worked on the SQFlite backend to ensure secure authentication, correct data storing & retrieval.

RAWG to CSV ⧉ **| Python Fetch API Script** June 2024
Python, SQLite, CSV, REST API *Personal Project*
- 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

Dean's List Sept 2021 – Sept 2023
Universiti Kuala Lumpur Malaysian Institute of Information Technology
- Named in 5 Dean's List by the university for outstanding academic achievement in 5 consecutive semesters of study.

Google IT Automation with Python Specialization ⧉ April 2024
Coursera
- Leveraged Python scripting to automate tasks and improve efficiency, while managing IT resources at scale across both physical and cloud-based VMs. Utilized Git and GitHub for version control. Demonstrated problem-solving skills by implementing strategic solutions to real-world IT problems.

Google IT Support Specialization ⧉ April 2024
Coursera
- Acquired skills for entry-level IT support, including computer assembly, wireless networking, software installation, and customer service. Gained experience in end-to-end customer support, troubleshooting, and debugging, and proficiency in using Linux, DNS, CLI, and binary code.

Google Cybersecurity Specialization ⧉ April 2024
Coursera
- Developed an understanding of cybersecurity practices and their impact. Ensured the protection from unauthorized access and cyberattacks using SIEM tools. Enhanced technical proficiency through experience with Python, Linux, and SQL.

Google UX Design Specialization ⤤   **April 2024**
Coursera
- Conducted UX research, applied user-centered design principles, and followed the design process to create wireframes, prototypes, and final designs. Built a professional UX portfolio with mobile app, responsive website, and cross-platform projects.

Google Project Management Specialization ⤤   **Dec 2023**
Coursera
- Acquired an understanding of the skills essential for an entry-level project management role. Gained knowledge of Agile project management. Improved strategic communication, problem-solving, and stakeholder management skills through real-world scenarios.

Malaysian University English Test (MUET)   **Oct 2021**
Majlis Peperiksaan Malaysia (MPM)
- Band Achieved: 4.5

Extracurricular

Software Engineering and Programming Club UniKL MIIT   **Sept 2023 – July 2024**
Club Member
- Was actively involved in activities and workshops held by the club that promotes a software engineering culture within the university's student developer community.

Developer Student Club UniKL MIIT by Google Developers   **Sept 2022 – Sept 2023**
Team Collaborator
- Joined and worked closely with other team members in workshops on PHP, Laravel, Flutter, Javascript and Git with a cumulative total of more than 100 participants. Was actively involved in the Google Developer Group (GDG) within KL and the greater Malaysian community.

UniKL MIIT E-Sports Club   **Sept 2021 – Sept 2022**
Club Member/Competitor
- Actively participated in online, local video game tournaments (e.g. Chess.com, Valorant) hosted by the club during freshman year.

Relevant Coursework

- ISB10103 Principles of Computer Programming
- IGB10403 Discrete Mathematics
- IGB20303 Probability and Statistics
- ISB30503 Data Structures and Algorithms
- IEB20603 Database Management Systems
- ISB16003 Object-Oriented Programming
- ISB42503 Internet Programming
- ISB26603 Mobile and Ubiquitous Computing
- IEB21703 Computer Networking
- ISB38104 Software Testing

Work Experience

Storekeeper   **Jan 2020 – May 2020**
99 Speedmart Sdn Bhd   *Full-Time*
- Coordinated with the store manager to restock inventory as needed, performed regular stock checks and reported any issues to the store manager immediately.
- Organized the store area for ease of access and optimal space utilization.

Spoken Languages

- Malay - Full Native Proficiency

- English - Full Working and Independent Proficiency

References

Ts. Zanariah binti Abu Bakar   **Supervisor/Lecturer**
Universiti Kuala Lumpur MIIT   *zanariah@unikl.edu.my, +60122386346*

Ts. Dr. Farahwahida binti Mohd @ Bakar   **Head of Industrial Linkages**
Universiti Kuala Lumpur MIIT   *farahwahidam@unikl.edu.my, +0321754372*