SHATTHIYA GANES A/L SIVAKUMARAN

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📍 Alma, Bukit Mertajam, Pulau Pinang ⓞ GitHub in LinkedIn 🔗 Portfolio

PROFILE

Software Developer with expertise in Flutter, Laravel, and API development. Led backend development for mobile apps and contributed to award-winning projects in coding challenges. Experienced in teaching and improving system efficiency through innovative solutions. Proven ability to work with cross-functional teams to deliver seamless product experiences and manage feature development.

EDUCATION

Universiti Malaysia Pahang Al-Sultan Abdullah, *Bachelor of Computer Science (Software Engineering) with Honours* 🔗 — Mar 2022 – Jan 2025 | Pekan, Malaysia

  CGPA - 3.62

Universiti Malaysia Pahang Al-Sultan Abdullah, *Diploma in Computer Science* 🔗 — Jun 2019 – Jan 2022 | Pekan, Malaysia

  CGPA - 3.62

PROFESSIONAL EXPERIENCE

Freelance Developer, *Self-Employed* — Jul 2023 – present

- Goolancer – Designed and developed a full-featured marketplace app using Flutter and Laravel. Implemented real-time chat, a subscription model, and secure authentication.
- MyHSE (Health & Safety App) – Built a safety compliance app with Flutter, integrating security APIs like VirusTotal and Gemini for enhanced protection.
- PassAnda – Developed a secure password management app with data encryption, secure authentication, and compliance with privacy regulations.
- Integrated RESTful APIs, optimized mobile UI/UX, and ensured seamless performance across iOS and Android.

Full Stack Developer (Internship), — Jul 2024 – Jan 2025
TriSquare Technology (M) Sdn. Bhd. 🔗

- Played a key role in developing secure APIs for mobile and web applications, ensuring seamless integration and data consistency.
- Gained hands-on experience in Flutter, Laravel, and FilamentPHP, focusing on real-time data handling and IoT integration using MQTT.
- Contributed to major projects like the NADI Meditech app, Platinums web app, and Femo by implementing user-centric features, robust APIs, and advanced role-based access controls.
- Collaborated with cross-functional teams to enhance system performance, troubleshoot technical challenges, and deliver solutions tailored to client needs.

Flutter Developer, *Mahiran Digital Sdn. Bhd* 🔗 — Oct 2022 – May 2023

- Developed and implemented API configurations to integrate back-end services with Flutter applications.
- Utilized advanced state management techniques such Getx and Provider to efficiently manage app state.
- Worked collaboratively with a team of professionals to deliver high-quality products that exceeded client expectations.

- Learned clean architecture, the most powerful software pattern design which promotes the separation of concerns and the creation of highly maintainable and flexible software systems.

Fronted Web Developer (Internship), *Zeto Sdn .Bhd.*   Aug 2021 – Jan 2022
- Recreated and designed responsive web pages based on client requirements and mockups.
- Gained hands-on experience in HTML, CSS, JavaScript, and CMS platforms.

PROJECTS

PassAnda - Secure Password Manager App   Jul 2024 – present
PassAnda developed to store your password securely with max level protection.
Technology: Flutter, Getx, Hive, Laravel PHP, Supabase, VirusTotal API, Gemini API

Platinum IoT & Workflow Management System   Sep 2024 – Jan 2025
PIWMS is a web application designed to manage IoT devices, job workflows, client information, and asset tracking in a seamless and efficient manner.
Technology: Laravel, FilamentPHP, MySQL, Tailwind CSS, MQTT Protocol

MyHSE App   Sep 2023 – Dec 2024
Developed myHSE mobile application for managing occupational safety and health services.
Tools and Technology: Flutter, Getx, Laravel, L. Sanctum, MySQL, Rest API, Hostinger Server, Hive

lastPiece - M-Commerce App   Feb 2021 – Jun 2021
An app for UMP students to find and buy second-hand books directly from their phones.
Technology: Kotlin, Firebase, Material UI, Stripe

AWARDS

- **1st Place,Astro NACSA Coding Challenge 2024** 🔗 : Developed "CipherKey," a secure password manager, and received the award from **Prime Minister of Malaysia, Dato Seri Anwar Ibrahim** 🔗 .
  - **Gold Award for Final Year Project** 🔗 : Developed "lastPiece," an M-Commerce app, awarded for excellence in the Diploma in Computer Science program.
  - **Winner, UMP Huawei Competition 2023** 🔗 : Led the development of the mobile app "everBrain," securing first place.
  - **Silver Award, iCE-CInno 2024**: Presented "GooLancer," a mobile platform for connecting freelancers with clients, and earned a Silver Award at the International Competition and Exhibition on Computing Innovation.
  - **Best Project & 5th Place Overall, DICRATHON 2024** 🔗 : Contributed to the telehealth platform "MySihat" addressing healthcare gaps in rural areas with AI-driven tools.

LANGUAGES

English | Malay | Tamil

TECHNICAL SKILLS

Mobile Development: Flutter | Dart | Kotlin | Java

Web Development: PHP & Laravel & FilamentPHP | HTML 5& CSS | JavaScript | Bootstrap5 | Tailwind CSS

Database & Others: MySQL & PostgreSQL | Firebase | Restful API | Postman | Git & GitHub & GitLab | ClickUp & Jira

SOFT SKILL

- Ability to Work in a Team
  - Critical thinking and problem solving
  - Active listening

REFERENCES

Ts. AZMA BINTI ABDULLAH,
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