

M. ASHWIN KULLANTHAIVEL

Computer Science Undergraduate

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SUMMARY

As an enthusiastic and determined Computer Science undergraduate at Universiti Tunku Abdul Rahman (UTAR), I possess hands-on experience in web application development, API integration, and computer vision, with a strong interest in software engineering and cybersecurity. My recent internship at Bitcode Technology Sdn Bhd enabled me to enhance my skills in back-end development (Laravel, PHP, SQL), front-end design, and third-party API integration (Mailchimp, Twilio). Currently pursuing a part-time degree, I am on track to finish on May. I am seeking a full-time, work-from-home opportunity where I can apply my technical expertise during weekdays while dedicating weekends to completing my studies. Driven by a passion for solving real-world challenges and a commitment to continuous learning, I aim to deliver impactful results and grow within your team. My adaptability and fresh perspective enable me to approach problems differently, offering innovative solutions that align with the latest industry trends.

SKILLS

- | | | |
|-------------------------|------------------------|-----------------------|
| • Front-End Development | • Back-End Development | • Database Management |
| • PHP | • C++ | • Python |
| • Laravel | • Raspberry Pi | • Leadership |
| • Team Player | • Time Management | • Problem Solving |

EXPERIENCE

Intern - Bitcode Technology Sdn Bhd

(Oct 2024 – Jan 2025)

- **Back End Development**, implementing two-factor authentication (2FA), session management, and troubleshooting API integrations (Twilio, Mailchimp).
- **Email automations** using Mailchimp API, resolving merge field issues, and designing personalized campaigns.
- **Enhanced user experience**, including admin panel front-end upgrades, interactive tools, and customized Raspberry Pi kiosk setups.

UTAR Computer Science Society (Event Coordinator)

- Organized a tech workshop for 150+ participants, aimed at introducing AI and machine learning concepts.
- Managed a team of volunteers, ensuring the event was executed flawlessly and met learning objectives.

Movie Review Webpage – Server-Side Web App Development

- Developed a dynamic webpage for admin and users using PHP and SQL databases.
- Gained exposure to CRUD operations, rt updates and project management principles.

PROJECTS & ACHIEVEMENTS

Lecturer Room Name Sign Detection System for Visually Impaired Students

(June 2024 – Sept 2024)

- Designed and developed a system using OCR and TTS to help visually impaired students identify lecturer rooms via real-time text extraction and speech output.
- Utilized yolo-model training, OpenCV, and EasyOCR to create a model that works under varied lighting conditions.

Universiti Tunku Abdul Rahman - Foundation In Science

Oct 2020 - Sept 2021

- Bachelor Of Computer Science (Hons.)

Oct 2021 - Present