



Mirza Nazeef Bin Mansor

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Summary

Dedicated Information Technology student at Universiti Tun Hussein Onn Malaysia (CGPA 3.86) with an active passion for modern software engineering and fast-paced tech environments. An avid follower of emerging AI innovations and tech trends, combining continuous self-learning with hands-on development across Python, C/C++, PHP, modern cloud backends (Firebase, Supabase), and computer vision pipelines (OpenCV, MediaPipe). Proven track record of architecting full-cycle web systems and streamlining workflows through intelligent automation. Seeking a challenging Software Developer internship to apply modern tech stacks and build scalable, AI-driven solutions.

Education

Universiti Tun Hussein Onn Malaysia	2025	–	current
Bachelor of Information Technology with Honours. CGPA 3.86			
Universiti Tun Hussein Onn Malaysia	2022	–	2025
Diploma of Information Technology CGPA 3.76			

Relevant Experience

Intern at CLICKPIXEL STUDIO	2024	–	2025
- Built and launched an end-to-end e-commerce website for the company featuring product catalogs, job overview charts, shopping cart functionality, and direct online payment processing. - Integrated and tested secure online payment gateways and e-commerce plugins to handle smooth transactions from cart addition to final checkout. - Designed structured product pages, service breakdown charts, and custom inquiry forms for sublimation wear, stickers, business cards, and print merchandise. - Enhanced overall website usability and navigation by implementing responsive layouts, interactive megamenu, and clean UI animations. - Recreated and vectorized client logos into high-resolution print-ready formats using Adobe Illustrator and Photoshop. - Produced digital product mock-ups for client approval and synchronized order quantities and specifications directly into the printing production system.			
Part-Time Web Developer & Graphic Designer Fizar Enterprise	2024	–	2025
- Developed and deployed a responsive portfolio website to showcase company services, completed print works, and custom apparel designs. - Designed custom print-ready vector graphics, sublimation apparel, and marketing collateral including large-format banners and promotional items. - Evaluated sublimation printing materials, production requirements, and technical specifications to ensure premium print quality and durability. - Consulted directly with clients to gather requirements, clarify design specifications, and present mock-ups for final production approval. - Collaborated within a cross-functional production team to coordinate print deadlines and uphold strict quality standards.			

Awards and achievements

- Vice-Chancellor's Award (Anugerah Naib Canselor), Diploma of Information Technology, Universiti Tun Hussein Onn Malaysia.
- Gold Medal, Final Year Project (FYP), Diploma of Information Technology, Universiti Tun Hussein Onn Malaysia.
- Top 5 Best Final Year Project, Diploma of Information Technology, Universiti Tun Hussein Onn Malaysia.

Languages and Technical Skills

- Programming Languages: C, C++, Python, PHP, TypeScript, JavaScript, R
- Web & Frameworks: React.js, Node.js, Express, HTML5, CSS3, Tailwind CSS, WordPress, Wix, REST APIs
- AI & Computer Vision: OpenCV, MediaPipe, CNN, LSTM
- Databases & Cloud Backends: Supabase, Firebase (Firestore, Authentication), MySQL
- Business Intelligence & Data: Power BI, Tableau, SAS, SPSS, Excel
- Design & Tools: Adobe Illustrator, Adobe Photoshop, Canva, Capcut
- Spoken Languages: Malay (Native), English (Working Proficiency)
- AI-Assisted Development & Productivity : Antigravity, Kiro, Qoder, Codex

Certifications

- Google Data Analytics Professional Certificate.
- SAS Programming Certification.

- SAS Business Intelligence Certification.
- SAS Data Literacy Certification.
- Amazon Web Services (AWS) Introduction to PartyRock Certification.

Soft Skills

- Communicate clearly with clients to translate business concepts and design preferences into concrete technical requirements.
- Collaborate smoothly within cross-functional teams and participate actively in project syncs and technical reviews
- Solve complex technical problems independently through iterative testing, debugging, and continuous research
- Manage multiple project deadlines efficiently while maintaining accuracy in software implementation and production data
- Learn new frameworks, tools, and technical domains quickly to meet evolving project specifications
- Explain technical and design concepts clearly to both technical supervisors and non-technical stakeholders

Technical Project Experience

E-Commerce Web Platform and Digital Catalog System : CLICKPIXEL WEBSITE

- Engineered and deployed a full-fledged e-commerce website featuring product catalogs, custom quotation calculators, shopping cart workflows, and secure online payment gateway integration.
- Structured cloud backends and integrated Google Sheets pipelines to track customer orders and synchronize order records.
- Designed clean, responsive UI layouts with interactive megamenus, engaging CSS animations, and dynamic forms tailored for custom printing orders.
- Integrated client verification flows and pre-press specifications to streamline production workflows from digital orders.
- Optimized web asset loading and database queries to ensure fast page speeds and seamless browsing across both mobile and desktop devices.
- Structured web product pages for custom printing services including sublimation jerseys, mirrorkote stickers, business cards, flyers, envelopes, textile stamps, and wall calendars.

Coop Store Inventory and Point-of-Sale (POS) Management System : UTHM PAGOH

- Engineered a web-based inventory and Point-of-Sale (POS) management system using PHP, MySQL, JavaScript, and Bootstrap to automate stock tracking and retail sales workflows for the university cooperative store.
- Integrated real-time barcode scanning hardware for automated item lookup, fast checkout processing, and warehouse receiving verification to minimize manual data entry errors.
- Architected multi-role authentication and access control hierarchies for Superadmin, Department Managers, Warehouse Staff, and Cashiers.
- Built an automated stock replenishment alert module that monitors predefined minimum thresholds to prevent stockouts and eliminate over-ordering.
- Developed an interactive administrative dashboard featuring dynamic sales analytics, monthly performance visualizations, and comprehensive supplier tracking tables.
- Awarded the Gold Medal and recognized among the Top 5 Best Final Year Projects across the Centre for Diploma Studies.

Final Year Project

SignSpeak: Intelligent Sign Language Recognition and Translation Mobile Application

- Engineered an intelligent mobile application designed to bridge communication gaps for the deaf and hard-of-hearing community through real-time sign language recognition and bidirectional translation.
- Implemented a hybrid deep learning architecture utilizing computer vision with OpenCV and MediaPipe for spatial landmark extraction, paired with CNN and LSTM models to analyze temporal hand gesture sequences
- Developed responsive, user-friendly mobile and web interfaces integrated with cloud-backed services to enable seamless live video gesture capture and processing.
- Built an interactive practice module that provides real-time feedback to help hearing users learn, validate, and improve their sign language accuracy.
- Executed end-to-end model training, data preprocessing, and iterative testing using Python to maximize gesture classification accuracy in variable lighting and camera angles.

References

DR. Nur Afiqah binti Sahadun
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