

NOWESH KUMAR SELVAKKUMARAN

Software Developer Intern

nowesh03@gmail.com • +60 11-1280 1350 • nowesh.com • github.com/Nowesh11 • Penang, Malaysia

PROFESSIONAL SUMMARY

Motivated Software Developer Intern and Computer Science graduate (Universiti Malaya, 2026) with hands-on experience building full-stack web applications. Currently interning at Jabil Circuit Sdn Bhd, a global MNC, developing software systems. Specializes in Next.js, React, and TypeScript with multiple deployed, production-ready projects accessible live. Seeking junior to mid-level software developing opportunities in markets

WORK EXPERIENCE

Software Developer Intern | **Jabil Circuit Sdn Bhd** | Batu Kawan, Penang, Malaysia 2026 – Present

MNC | Global Electronics Manufacturing Services (Fortune 500)

- Developed two internal production-facing web tools — FAU Throw Out Tracker and Shop Supply Dashboard — both deployed and actively used on the manufacturing floor.
- Built full-stack solutions using Next.js 15, TypeScript, PostgreSQL and MySQL, integrating with corporate LDAP authentication and IIS deployment environment.
- Wrote C# automation scripts in Razor ASP.NET to handle database migration tasks — automating data transfer, schema updates, and validation to reduce manual effort and migration errors.
- Configured and managed IIS (Internet Information Services) server deployments for internal web applications, including server setup, application pool configuration, and environment management.
- Set up and configured Node.js runtime environments on Windows Server via IIS, enabling Next.js applications to run reliably within Jabil's on-premise infrastructure.
- Collaborated with cross-functional engineering and operations teams, applying agile workflows, Git version control, and structured code reviews.

Promoter & System Updater | **Prestige Sports Company** | Penang, Malaysia

Jul 2022 – Sep 2022

- Maintained and updated inventory and point-of-sale management systems.
- Provided technical support and handled system-related customer inquiries.

PROJECTS

FAU Throw Out Tracker

Tech Stack: Next.js 15, React (App Router), TypeScript, PostgreSQL, LDAP (Jabil AD), IIS Server, CSV Export

- Built a full Kaizen-initiative web system to replace fragmented Excel-based fiber tracking across the manufacturing floor — fully deployed on Jabil's IIS Server.
- Implemented LDAP corporate authentication (Jabil NT Login) with 3-tier role-based access: Employee (scan), Admin (view/export/edit), Super Admin (delete, user management, system config).
- Engineered automatic retry detection logic: 1st scan = Green (fresh), 2nd scan = Blue (retry), 3rd+ = Red/Green (fail/pass decision) — eliminating duplicate submission errors.
- Built real-time dashboard with stats, date/model/status filters, full audit trail, CSV export, and soft-delete with restore — achieving 100% traceability and zero manual errors.
- Configured DB-driven system settings (Models, Machines, Reasons) with no hardcoding — fully configurable by Super Admin without code changes.
- Delivered as a Kaizen improvement project, transforming a fragmented manual process into a centralized digital system used live on the production floor.

Shop Supply Dashboard

Tech Stack: Next.js, TypeScript, MySQL, Tailwind CSS, REST API, Chart.js

- Built as part of internship at Jabil Circuit — a production-facing internal dashboard for the manufacturing floor.

- Displays all shop supply data in interactive charts with advanced filters (by date, category, status) and CSV export features.
- Integrated with MySQL production database via REST API, pulling live data to surface real-time manufacturing insights.
- Designed responsive UI accessible across desktop and tablet devices used on the factory floor.
- Deployed internally within Jabil's network infrastructure (private — not publicly accessible).

Tamil Language Society Website [\[https://tls.my\]](https://tls.my)

Tech Stack: Next.js 14, TypeScript, Tailwind CSS v4, MongoDB, Mongoose, REST API, DigitalOcean

- Built a full-stack bilingual (English & Tamil) web platform for the Tamil Language Society at Universiti Malaya.
- Implemented Next.js 14 App Router with dynamic routing, reusable components, and fully responsive design.
- Designed MongoDB database with Mongoose schemas for event management, member data, and media uploads.
- Configured REST API routes for admin operations including content uploads, image management, and member control.
- Deployed on DigitalOcean server with custom domain tls.my — live in production.

ITracker — AI-Powered Intern Logbook & Progress Tracker [\[https://tracker.nowesh.com\]](https://tracker.nowesh.com)

Tech Stack: Next.js, TypeScript, Tailwind CSS, AI Model Integration, Vercel

- Built a personal intern management tool that uses AI models to auto-generate weekly logbook entries based on tasks and activities inputted each week.
- AI generates structured, professional logbook content — saving hours of manual writing while maintaining accuracy and consistency across all intern reports.
- Features a weekly progress dashboard tracking tasks completed, skills learned, and internship milestones across the full intern period.
- Deployed live at tracker.nowesh.com — used actively throughout the Jabil internship to manage and document weekly progress.

Portfolio Website [\[https://nowesh.com\]](https://nowesh.com)

Tech Stack: Next.js, TypeScript, Tailwind CSS, MongoDB, Vercel

- Personal portfolio showcasing all projects, skills, and professional experience — serves as professional web presence in place of LinkedIn.
- Features animated UI, dark-themed design, smooth section navigation, and a dynamic projects feed powered by MongoDB Atlas.
- Custom API route (`/api/resume`) enables direct resume download from the site.
- Live at nowesh.com — deployed on Vercel with custom domain.

Lankess Portfolio [\[https://lankess.nowesh.com\]](https://lankess.nowesh.com)

Tech Stack: Next.js, TypeScript, Tailwind CSS, Vercel

- Designed and developed a portfolio website for a client, hosted as a subdomain under nowesh.com.
- Built with the same modern stack — responsive, clean UI with custom branding and content sections.
- Demonstrates ability to deliver client-facing web products end-to-end, from design to live deployment.

TECHNICAL SKILLS

Frontend: React.js, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3, Inline CSS

Backend & APIs: Node.js, REST API Design, Next.js API Routes, Mongoose, SQL, AI Model Integration

Databases: PostgreSQL, MongoDB, MySQL

Languages: TypeScript, JavaScript, C#, Java, Python

Frameworks: Next.js 15, React.js, ASP.NET Razor, Node.js, Tailwind CSS

Tools & Platforms: Git, GitHub, Vercel, DigitalOcean, IIS Server, Windows Server, VS Code, Visual Studio, npm, ESLint, MySQL Workbench

Auth & Security: LDAP / Active Directory, Session Management, Role-Based Access Control (RBAC)

Concepts: Full-Stack Development, Responsive Design, SEO Optimization, Agile/Scrum, CI/CD

Soft Skills: Strong Leadership, Project Management, Team Collaboration, Communication

EDUCATION

Bachelor of Computer Science (Multimedia Computing)

Graduated 2026

Universiti Malaya (UM), Kuala Lumpur, Malaysia

Relevant Coursework: Software Engineering, Data Structures & Algorithms, Database Systems, Multimedia Computing, Web Technologies, Object-Oriented Programming

LEADERSHIP & ACTIVITIES

President, Kabaddi Club — Universiti Malaya

Director, Malaya Tigers Championship

Supervisor, Malaya Tigers Championship — UM

SUKMA Kabaddi Athlete — Represented Penang State

Event Moderator (Online & Physical Events)

IPTA My 1st Choice Ambassador (CUMIG)

LANGUAGES

English (Fluent) • Malay (Bahasa Malaysia) (Fluent) • Tamil (Native)

Portfolio: nowesh.com | GitHub: github.com/Nowesh11 |