

# Muhammad Danish Aiman Bin Muhammad Nazir

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## EDUCATION

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**Universiti Sains Malaysia | Gelugor, Penang**

**Expected Graduation: Sept 2026**

*Bachelor of Computer Science (Honours) in Intelligent Computing*

**Relevant Courses:** Algorithms & Data Structures, Artificial Intelligence & Machine Learning, Data Analytics Programming, Software Engineering, Database Design, Operating Systems

## TECHNICAL SKILLS

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**Languages:** C#, JavaScript, TypeScript, Dart, Python, Java, C++, SQL, HTML, CSS, PHP, R

**Technologies & Frameworks:** ASP.NET MVC, ASP.NET Web Forms, Flutter, Next.js, React.js, Node.js, REST APIs, Google ML Kit, SQLite, SQL Server, MongoDB, Supabase, Firebase

**Tools:** Git, GitHub, Visual Studio, Android Studio, SQL Server Management Studio, Postman, RapidMiner, Hadoop, WSL, Google Cloud Platform, Vercel, Netlify, Figma, Tableau

## EXPERIENCE

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**Inari Amertron Berhad | Bayan Lepas, Penang**

**March 2025 - October 2025**

*Software Engineer Intern*

- Developed and maintained ASP.NET web modules for an Environmental Health & Safety portal using C#, SQL Server, JavaScript, HTML, and CSS.
- Consolidated 3 EHS tracking modules: Employee Competency, Environmental Monitoring, and Fire Extinguisher Tracking into a unified internal system.
- Designed and tested SQL Server database structures to support live operational data and improve maintainability across EHS workflows.
- Collaborated with IT, database administrators, and network teams to resolve deployment constraints, debug system issues, and support user acceptance testing.
- Created user documentation and supported stakeholder presentations to improve system handover and department adoption.

**TeenFix Studio | Teluk Kumbar, Penang**

**August 2023 - November 2023**

*Phone Technician*


- Diagnosed and repaired smartphone and tablet hardware/software issues under time-sensitive service conditions.
- Managed repair parts, tools, and customer troubleshooting guidance to improve service efficiency.

## PROJECTS

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**[ZenPose: Real-Time Yoga Pose Evaluation](#)  | Final Year Project | Flutter, MediaPipe Pose, Python**

- Built a mobile computer vision prototype that analyzes yoga poses using human pose landmarks.
- Designed pose comparison logic using landmark normalization, joint-angle rules, and similarity scoring.
- Developed feedback and progress-tracking modules to support guided form correction for users.

**[Bobo Game of The Year Award Voting](#)  | Community Project | Next.js, PostgreSQL, Tailwind CSS**

- Built a full-stack voting platform with authentication, secure API routes, protected voting flows, and live results pages.
- Designed database schema, RLS policies, and SQL functions to protect ballots and optimize vote aggregation.
- Implemented end-to-end voting flows (start → category → finalize → summary) with server-side validation, loading states, and responsive UI components.

**[Resepi KhairulAming](#)  | Personal Project | Next.js, TypeScript, Python, Supabase, Gemini, Whisper**

- Created an automated scraping and AI extraction pipeline to collect cooking video content, transcribe audio with Whisper, parse recipes with Gemini, and store structured recipe data in Supabase.
- Built a searchable recipe web app featuring KhairulAming recipes, responsive UI, and embedded TikTok cooking videos.