

Ong Hao Zhe

+60 11-5633 9590 · onghaozhe1@hotmail.com · George Town, Penang

[LinkedIn](#) · [GitHub](#) · [Portfolio](#)

PROFILE SUMMARY

Software Developer with over 2 years of experience delivering enterprise ERP solutions, scalable .NET applications, and business-critical system integrations. Skilled in backend development, RESTful APIs, e-Invoicing, payment gateway integration, middleware engineering, and cloud-based solutions on Microsoft Azure. Demonstrated success in building reliable, high-performance systems that support complex business operations and digital transformation initiatives.

EDUCATION

Bachelor of Data Science (Honours) (RDS) Tunku Abdul Rahman University of Management and Technology (TAR UMT)	2022 – 2024
Diploma in Computer Science Tunku Abdul Rahman University of Management and Technology (TAR UMT)	2020 – 2022

PROFESSIONAL EXPERIENCE

Software Developer SBT Software Consulting Sdn. Bhd., Penang - Developed and maintained enterprise web and mobile ERP solutions supporting sales, procurement, inventory, approval workflows, and financial operations. - Developed scalable .NET backend services, secure RESTful APIs, and middleware platforms with JWT authentication, RBAC, and application observability. - Delivered integrations with LHDN e-Invoicing, AutoCount, PayNet, Fiuu, messaging, notification, and third-party business platforms. - Engineered high-volume integration workflows involving JSON-to-UBL transformation, data synchronization, webhook orchestration, retry mechanisms, and asynchronous processing. - Enhanced application performance and scalability through SQL optimization, Dapper/ADO.NET data access, Redis caching, SignalR real-time communication, and Hangfire background processing. - Managed Azure cloud infrastructure and mobile application releases across Apple App Store and Google Play Store environments. - Authored technical documentation, API specifications, and integration guides for internal teams, clients, and external partners.	May 2024 – Present
Software Development Intern SBT Software Consulting Sdn. Bhd., Penang - Developed and maintained reusable frontend components for a custom ERP platform using Angular, TypeScript, and Ionic. - Collaborated with senior engineers to deliver new ERP features and functional enhancements. - Resolved software defects and optimized application workflows to improve user experience. - Developed and tested SQL stored procedures to support backend operations and data retrieval. - Contributed to technical design discussions and architectural planning for custom ERP modules.	Oct 2021 – Dec 2021

PROJECT EXPERIENCE

Customised ERP System (Web & Mobile) Internal Product SBT Software Consulting Sdn. Bhd. Delivered an enterprise ERP platform supporting end-to-end business operations across sales, inventory, procurement, approvals, and finance.

- Delivered an enterprise ERP platform supporting end-to-end business operations across sales, inventory, procurement, approvals, and finance.
- Architected scalable .NET services and secure APIs with JWT/OAuth authentication, observability, and real-time capabilities.
- Improved platform performance and reliability through SQL optimization, Redis caching, SignalR, and Hangfire-based background processing.

AutoCount Accounting Integration

Technologies: .NET Framework, Windows Service, AutoCount API

- Designed and developed a reusable .NET middleware solution to synchronize ERP financial transactions with AutoCount Accounting.
- Engineered high-volume synchronization processes for invoices, credit notes, debit notes, receipts, and other financial documents.
- Improved financial data accuracy and operational reliability through automated status tracking, validation, and error feedback mechanisms.

Research & Development (R&D) Initiatives

Technologies: SignalR, .NET, PayNet, Fiuu

- Implemented SignalR-based real-time communication to enable live data synchronization between backend services and client applications.
- Developed mobile notification services supporting device registration, delivery management, and notification tracking.
- Delivered PayNet and Fiuu payment gateway integrations with secure payment processing, duplicate-payment prevention, and transaction reconciliation.

Halal Sabah Mobile Application

- Served as Technical Lead, collaborating with MUIS Sabah stakeholders to translate business requirements into mobile and merchant platform solutions.
- Led the end-to-end design, development, deployment, and delivery of the mobile application and merchant management portal.
- Successfully launched and maintained the application on Apple App Store and Google Play Store, supporting public adoption and operational readiness.

LICENSES & CERTIFICATIONS

- Bring AI to Work Workshop, Google, 2025
- AI Appreciate Badge – AI untuk Rakyat, MyDIGITAL & Intel, 2024

TECHNICAL SKILLS & COMPETENCIES

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

Frameworks & Libraries: .NET, Angular, Ionic, SignalR, Dapper, ADO.NET, DevExpress, RestSharp, Serilog

Databases: Microsoft SQL Server

Cloud & Infrastructure: Microsoft Azure (App Service, SQL Database, Blob Storage, Redis Cache), Cloudflare

Tools & DevOps: Git, Postman

Mobile Deployment: Apple App Store Connect, Google Play Console

KEY COMPETENCIES

Software Development

- Backend & API Development
- Frontend & Cross-Platform Development
- Real-Time & Asynchronous Processing

Systems & Integration

- System Integration & Middleware Engineering
- Database & Performance Optimisation
- Cloud & Infrastructure Management

Delivery & Operations

- Mobile App Deployment
- Release Management
- Testing, Quality Assurance & Validation
- Logging, Monitoring & Troubleshooting

Professional Skills

- Stakeholder Engagement
- Cross-Functional Collaboration
- Technical Documentation & Knowledge Management
- Research & Development (R&D)

Language Proficiency

- English (Full Professional Proficiency)
- Mandarin (Native or Bilingual Proficiency)
- Malay (Full Professional Proficiency)

ADDITIONAL INFORMATION

- Notice Period: 1 Month
- References: Available Upon Request