

KELBIN

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Fullstack Developer

Fullstack Developer with 10+ years of experience building and modernizing enterprise systems. Strong expertise in .NET ecosystems paired with Vue.js and JavaScript for frontend development. Proven ability to deliver measurable improvements—from drastically optimizing SQL query performance to implementing SSO frameworks with OpenIdDict(Oauth2/OpenID). Skilled in cloud development (Google Cloud and Azure) and establishing CI/CD pipelines that improve deployment reliability. Combines hands-on technical depth with the ability to translate business requirements into scalable, secure solutions.

SKILLS

Backend: .NET, C#, Javascript, SQL, Dapper, EF Core, VB. NET, REST And SOAP API, Hangfire

Frontend: ASP. NET MVC, Vue. js, Razor Pages, Blazor, WinForm, PWA

Database: Ms Sql Server, PostgreSQL, Performance Tuning & Indexing

Cloud & Devops: Google Cloud (Cloud Run Function, Application Integration, Secret Manager), Azure (Web App, Static Web App, Key Vault, Function App, Azure VM), CI/CD, Docker & Containerization, Atlasian Bitbucket & Bamboo, Git, Jira, Confluence

Security & Identity: OAuth2, OpenID, Single Sign On, OpenIdDict, JWT, 2FA, TOTP

WORK EXPERIENCE

SHIMANO

10/2022 – Present

Fullstack Developer

Singapore

- Develop and optimize **MES and Logistics systems** utilizing a hybrid stack of **.NET 8/Core, legacy .NET Framework, and Vue.js**, building scalable and performant systems.
- Developed a centralized **Single Sign-On (SSO)** framework using **Openiddict(OAuth2 and OpenID)**, integrated with **2FA and TOTP** for enhanced multi-factor authentication, standardizing authentication protocols and reducing support overhead for login related by **30%**.
- Achieved a **99.9%** uptime for critical manufacturing processes by migrating legacy workflows to **Google Cloud (GCP)**, leveraging **Cloud Run Functions** and **Application Integration** for seamless integration.
- Revamped the SDLC by implementing a **Feature Branching strategy** and CI/CD pipelines, reducing **code conflicts by 80%** and enhancing deployment reliability across SEA and China.
- Refactored Reporting T-SQL queries, achieving a **99%** execution speed improvement (hours to seconds) by analyzing execution plan and applying proper indexing, vastly improving user experiences.
- Developed automated data integration solutions synchronizing **SharePoint and Caspio** platforms data to SQL Server using **.NET 8 and RESTful APIs**, enabling audit trail capabilities and providing centralized data access for Power BI reporting and business intelligence visualization

ANACLE

12/2021 – 10/2022

Full Stack Developer

Singapore

- **Managed and modernized the ANACLE Simplicity system**, supporting the Enterprise Asset Management (EAM) module across **ASP.NET Web Forms, Web API, and Xamarin Forms**.
- **Transitioned infrastructure to H-Cloud environment**, ensuring seamless data exchange and application functionality across restricted internet and intranet zones.
- **Integrated 2FA and Google Maps services** within high-security environments by managing whitelist requests and implementing local library referencing for blocked JavaScript assets.

Business Connectivity
Full Stack Developer

12/2019 - 12/2021
Singapore

- **Engineered enterprise-scale web applications** using **ASP.NET Core, C#, and JavaScript**, delivering high-performance backend logic and responsive UI components.
- **Migrated legacy systems to AWS EC2**, optimizing instance configurations to improve scalability and maintain a **99.9% system uptime**.
- **Developed a geolocation verification module** in **Flutter** using Google Maps API, achieving **99% location accuracy** and eliminating fraudulent field check-ins.
- **Automated delivery scheduling** by integrating **Google Workspace APIs** with the ERP system, triggering real-time Google Calendar updates upon invoice finalization.

Celindo Pratama
Software Engineer

08/2014 - 12/2019
Batam, Indonesia

- **Modernized application architecture** by leading the transition from **ASP.NET Web Forms to ASP.NET MVC**, improving maintainability and alignment with industry standards.
- **Designed and implemented manufacturing systems** tailored to client business needs using **C# WinForms and ASP.NET Web Forms**.
- **Engaged directly with customers** to translate complex business requirements into functional software specifications and system designs.

EDUCATION

Bachelor Of Information Technology

University of Putera Batam

Batam, Indonesia

PROJECTS

Url Shortener - C# | Minimal Api | Javascript | PostgreSQL

a simple url shortener with minimal api and postgresql database in cloud, app is hosted on azure web app, sensitive config is stored in azure key vault secrets, deployment is done automatically through GitHub actions.

<https://kelbin-url-shortener-cue0bccgdze6ccfy.southeastasia-01.azurewebsites.net/>

Blazor Games -C# | Blazor

a Blazor web app containing a few mini-games, deployment is done automatically through GitHub actions.

<https://kelbindev.github.io/>