

Aljen Magat

Full-Stack Engineer

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Profile

- Full Stack Developer and AI Automation Engineer with 7+ years of experience designing, developing, and maintaining scalable web, desktop, mobile, and enterprise applications.
- Specialized in **C#, .NET, ASP.NET Core, Node.js, TypeScript, Next.js, Angular** and modern cloud technologies, with a strong track record of delivering high-performance software solutions from concept to production.
- Experienced in building **RESTful APIs**, backend systems, database driven applications, internal platforms, automation tools, and cloud native solutions using **PostgreSQL, SQL Server, Redis, Docker, Azure, AWS** and **CI/CD** pipelines.
- Skilled in software architecture, system integration, database optimization, performance tuning, debugging, and production support.
- Strong expertise in **AI-powered applications**, business process automation, AI agent integrations, **RAG** based workflows, **LLM powered solutions**, webhooks, background services, and enterprise automation systems.
- Comfortable owning projects end to end, including requirements analysis, architecture design, frontend and backend development, deployment, monitoring, and continuous improvement.

Professional Experience

08/2025 – 06/2026

Ontario, Canada

Y Drive 🌐

Full Stack & C#/.NET Developer

- Built and maintained internal business systems for a rideshare company, including customer ticket system, driver/admin portals, backend services, and operation dashboards using **C#, ASP.NET Core, .NET 8, Nuxt, SQL Server**, and **Azure**, delivering scalable solutions for a lot of users across diverse business domains.
- Owned the company's **Zoho CRM** setup as a solo developer, including custom modules, workflows, Deluge functions, webhooks, custom pages, widgets, and CRM automations.
- Streamlined software delivery by containerizing applications with **Docker**, building **CI/CD** pipelines in **Azure DevOps**, conducting code reviews, establishing development standards, and mentoring developers to maintain high engineering quality.
- Worked directly with managers and operations teams to understand real business workflows, identify manual bottlenecks, and turn them into practical automation and internal software solutions.

04/2023 – 07/2025

Angeles

TOTOCLUB 🌐

Senior Full Stack Engineer

- Launched complex online betting/game Platform and admin system featuring sports betting, casino games, and slot games using **Asp.net, Next.js** with **GraphQL API** and real-time **WebSocket** integration.
- Implemented responsive design using **Tailwind CSS**, resulting in a smoother user experience across different devices.

- Collaborated with the lead software engineer building and optimizing interactive frontend components and the scalable and complex backend system using **Redis, GraphQL APIs, Azure.**

08/2021 – 01/2024
Hon Kong

Oursky

Full Stack Developer

- Delivered production web + mobile apps using **Angular** and **React Native, C#, .NET 8, ASP.NET** setting up smooth **CI/CD** and shipping major releases to **MS Azure** and 40–50% feature iterations .
- Built **pixel-perfect**, responsive **UIs** with **Tailwind CSS**, reducing design-to-implementation gaps by ~35% and improving consistency across devices.
- Integrated frontend with backend APIs and data layers (**PostgreSQL/MongoDB**), improving load times via optimized queries and client-side caching.
- Built scalable **REST APIs** and **GraphQL** services backed by PostgreSQL, improving query performance by ~30% via indexing, batching, and transaction tuning.
- Integrated subscription billing with **Stripe** and **Paddle**, including webhook handling and lifecycle events (renewals, cancellations, failed payments).

07/2019 – 07/2021
Pasig

PCCW

Full Stack Web developer

- Architected and delivered 6 production web + mobile applications using **Node.js, React, React Native, Firebase** and **MongoDB**, owning features end-to-end from planning to release.
- Designed scalable **REST APIs** and domain data models; reduced p95 endpoint latency by ~60% via query optimization, indexing, pagination, and caching.
- Built real-time **WebSocket** systems for notifications/live updates.
- Improved **UX** performance across devices and breakpoints; cut initial load time by ~20–50% through code splitting, asset optimization, and render path improvements.
- Standardized **QA** across browsers/devices with repeatable regression routines.
- Strengthened engineering workflows with disciplined **Git, Github, Gitlab** practices (branching strategy, code reviews, release tags), improving PR turnaround ~20% and reducing regressions.

Education

2015 – 2019
Bacolor, Pampanga

Bachelor's Science

Pampanga State University

- Web Development Principles, Database Design & SQL, NoSQL, PHP, Data Structures & Algorithms, Mathematics(problem-solving, fundamentals), Python (Django, Data engineering).

Skills

Languages



- HTML5
- CSS3
- JavaScript (ES6+)
- TypeScript
- PHP
- Python
- C#
- SQL

Frontend



- React
- Angular
- Next.js
- Nuxt.js
- React Native
- Tailwind CSS
- Shadcn/UI
- UI/UX
- Component Design
- State Management

Backend & APIs



- Node.js
- Nest.js
- ASP.NET
- Django
- FastAPI
- Laravel
- REST APIs
- GraphQL
- WebSockets
- Payment/3rd-party Integrations

Databases & Storage



- MySQL
- PostgreSQL
- SQL Server
- MongoDB
- Schema Design
- Indexing
- Query Optimization
- Migrations

Cloud, DevOps & Delivery



AWS, Azure, Docker, Git, CI/CD (GitHub Actions/GitLab CI), Linux, Performance Tuning, Production Support

Projects

Statking(Senior Full Stack developer)

Sports, NFL, NBA

- Coordinated with 6 members cross-functional (Frontend, Backend, and QA) team toward the successful launch of Betting App and Platform using **React Native**, **Next.js**, **Tailwind CSS**, **Nest.js** and **PostgreSQL**.
- Experienced in building and optimizing interactive front-end components and scalable back-end APIs using **REST APIs** and **GraphQL**.
- Ensured top-notch code quality, security, and cross-platform compatibility for web applications.
- Deployed the project to **AWS** and managed **EC2**, **Lambda**, and implemented **Stripe** payment flow.
- Used **Gitlab** for version control and **Jira** for managing of project workflows effectively

TOTOCLUB(Full Stack and DevOps engineer)

Online casino, mini game, sports betting(still ongoing)

- Launched complex Betting Platform featuring sports betting, casino games, slot, minie games using **ASP.NET**, **Next.js** with **GraphQL API** and real-time **WebSocket** layer.
- Implemented responsive design using **Tailwind CSS** resulting in a smoother user experience across devices.
- Collaborated with a Japanese lead software engineer building and optimizing interactive front-end components and scalable back-end system using **Redis**, **GraphQL APIs**, **Azure**.

- Spearheaded comprehensive testing procedures across browsers, devices, and operating systems, leading to a **40%** reduction in user-reported bugs post-launch and enhancing overall user satisfaction.

Chatoyer Inc(PHP, API Integration, plugin developer)

Product Configurator, AI integration, Manufacturing

- Built and maintained **WordPress** solutions using **PHP**, custom plugins, **MySQL**, and hosting/server configuration.
- Developed product configurators for manufacturing workflows, including custom product logic, dynamic options, and backend data handling, **SMTP/Twilio** integration.
- Integrated **LLM** services to automate product data processing and improve user experience.
- Improved performance, reliability, and maintainability by optimizing PHP code, resolving **plugin/theme** issues, and supporting production deployments.

Y Drive app(Full Stack Laravel developer) [🔗](#)

Customer app/backend service for a rideshare/taxi business

- At Y Drive company, I built and maintained the Laravel backend for a rideshare/taxi customer app, including ride workflows, customer features, admin logic, and API-driven services. [g](#)
- **DevPostgres** db, debounced queue service and query logic to support customer app performance, fleet operations, ride data, and internal business workflows.
- Integrated sophisticated fleet service workflows using third-party APIs, **webhooks**, and background jobs to synchronize ride, pricing, driver, and operational data.
- Built and improved customer ticket/support system features, automation flows, and backend tools to reduce manual work and improve operational efficiency.

Links

TOTOCLUB

Online casino, slot and sports betting(C#, Redis, AWS, PostgreSQL, Next.js)

- <https://totoclub.top> [🔗](#)

Statking

React Native, NestJS, PostgreSQL

- <https://statking.ai> [🔗](#)

Neopets

Next.js, Blockchain, Solana

- <https://www.neopets.com> [🔗](#)

Y Drive [🔗](#)

Rideshare Customer app

- <https://play.google.com/store/apps/details?id=com.ydrive.pax> [🔗](#)

Chatoyer

Wordpress

- <https://fountaincity.tech/> [🔗](#)

fountaincity.tech, consultanting [🔗](#)

RAG/Chatbot integration, automation workflow

- <https://fountaincity.tech/> [🔗](#)