

Daryl B. Pastidio

(AI ENGINEER | SENIOR FULLSTACK DEVELOPER)

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Dynamic Full Stack Developer and AI Engineer with 10+ years of expertise in cutting-edge web applications and AI solutions. Demonstrated success in boosting system performance with 40% AI latency reduction and 30% faster data retrieval, and 65% faster CI/CD pipelines. Mastery in Python, MEAN stack, and modern JavaScript frameworks, Specialized in LLMs, cloud technologies (GCP/K8s), and machine learning, with a focus on scalable fintech solutions. Consistently delivered high-impact projects across enterprise applications, payment systems, and AI-driven automation.

EXPERIENCE

Senior Full Stack Developer

ZenSAP Technologies Inc

October 2020 – December 2024 | Mandaluyong Philippines

- Architected 12+ Spring Boot applications with Java, leveraging reactive programming and API caching (Redis) to accelerate data retrieval by 30% and boost throughput by 40%.
- Elevated credit card transaction accuracy by 20% through implementation of hybrid ML models (SMOTE+LSTM) and PostgreSQL schema redesigns, slashing data errors by 25%.
- Spearheaded UI/UX interface streamlining (NgRx state management), resulting in 25% increased customer satisfaction while maintaining <200ms response times.
- Engineered ASP.NET Core 2.0 greenfield website and web API for client contact details management.
- Orchestrated a comprehensive DevOps pipeline for continuous integration and automated deployment using TeamCity and Octopus Deploy.
- Crafted 15+ Node.js/Express.js apps with React/Angular frontends and MongoDB, enhancing app speed by 40% via code-splitting and Redis caching.
- Developed and optimized GraphQL APIs with efficient query handling and schema design, implementing comprehensive unit tests using Jest to ensure 95%+ test coverage and enhance system reliability.
- Integrated Stripe/PayPal APIs and web scrapers (BeautifulSoup), amplifying payment efficiency by 35% and market analysis speed by 20%.
- Transformed 8 legacy apps to Next.js, yielding 35% higher SEO scores and 25% faster load times through SSR/ISR optimizations.

AI/GPT Expert

AlphaSense

September 2018 – September 2020 | New York, USA

- Pioneered an LLM-powered customer service chatbot utilizing TensorFlow and spaCy, achieving a 92% query deflection rate and 4.2/5 user satisfaction score.
- Devised GCP-deployed CI/CD pipeline with Kubernetes, slashing deployment time by 65% while sustaining 99.8% uptime for real-time trading data ingestion.
- Fine-tuned vision models using TensorRT, reducing inference latency by 40% (85ms to 51ms) without compromising accuracy.

- Conceptualized LSTM-based stock volume predictor with 87% accuracy on 5M+ historical trades, integrating into algorithmic trading workflows.
- Formulated digitized document-trigger updates using Apache Airflow for knowledge graphs, ensuring sub-hour freshness for 10k+ financial reports.

Full Stack Developer

Morphosis

November 2016 – July 2018 | Bangkok, Thailand

- Orchestrated a comprehensive launch of an internal e-commerce platform utilizing C#/.NET Core and Angular, enhancing order visibility and processing; this initiative led to a 25% decrease in order fulfillment errors.
- Revamped legacy system with .NET and AngularJS, accelerating load times by 40% through code optimization.
- Constructed RESTful APIs in .NET Core for Oracle DB integration, consumed by Angular clients via RxJS.
- Fortified platform access using Azure AD authentication with role-based permissions for 500+ users.

Python Developer

Clarity IT

September 2014 – October 2016 | Bangkok, Thailand

- Innovated custom text processors for web search engine, boosting accuracy by 30% and trimming query response time by 25%.
- Engineered high-performance web crawler using Python's concurrent.futures, attaining 10,000 pages/hour with 95% accuracy.
- Devised AWS-based media playlist management tool using Boto3 API, minimizing manual work by 80% for 1M+ track music service.
- Constructed ticket purchasing system on GCP, handling 500+ daily Ticketmaster transactions with 98% success rate.

EDUCATION

National University of Singapore(NUS)

Bachelor of Science Degree in Computer Science | August 2010 – May 2014

SKILLS

Frontend: React, Angular, Next.js, NgRx, Bootstrap

Backend: Spring Boot, .NET Core, Node.js, Django/Flask, GraphQL

AI/ML: TensorFlow, PyTorch, spaCy, LSTM, SMOTE

Cloud: GCP, AWS, Azure, Kubernetes, Docker

DataBases: PostgreSQL, MongoDB, Redis, Oracle

DevOps: CI/CD, TeamCity, Apache Airflow, Jira