Prosy Arceno

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EDUCATION

University of the Philippines Los Baños   2014 – 2019
Bachelor of Science in Computer Science

TECHNICAL EXPERIENCE

Freelance Software Engineering Consultant   October 2022 – Present

- Architected and implemented a high-performance Next.js web application with microservices integration for Shopify, CheckoutChamp, and RESTful API endpoints (OpenAI, ReAmaze, Slack, SendGrid).
- Implemented server-side rendering (SSR) architecture with Next.js, responsive UI/UX design via Tailwind CSS, and performance optimization techniques that supported 100k+ concurrent monthly users.
- Engineered custom webhook handlers for real-time data synchronization between third-party platforms.
- **Technical Environment:** Next.js, React.js, Node.js, RESTful APIs, Tailwind CSS, Shopify API, CheckoutChamp integration, GCP infrastructure, SendGrid SMTP implementation

Resimac — Full Stack Software Engineer   April 2023 – Present

- Designed and implemented RESTful API endpoints facilitating CRUD operations within an internal portal, optimizing data workflow efficiency by 35%.
- Developed Python-based microservices for warehouse automation systems, implementing event-driven architecture for asynchronous API notifications.
- Implemented secure HTTPS protocols for authenticated API communication between interconnected systems.
- **Technical Environment:** ASP.NET Core, C#, Python 3.x, SQL Server Management Studio, RESTful API design, OAuth 2.0, SQL stored procedures, microservices architecture

Dalmore Group LLC — Software Developer   March 2021 – April 2023

- Engineered Django-based administrative systems with automated regulatory compliance checks (FINCEN, OFAC, SDN) utilizing Python for data processing and validation algorithms.
- Developed dynamic investment submission forms with real-time validation integrated with FundAmerica API utilizing OAuth authentication.
- Architected scalable cloud infrastructure on AWS with containerized deployment processes.
- **Technical Environment:** Django 3.x, React.js, Go, Python 3.x, AWS (EC2, S3, RDS), PostgreSQL, Docker, RESTful APIs, OAuth 2.0

Mobile Optima Inc. — Software Developer   September 2019 – March 2021

- Engineered a real-time quiz system utilizing WebSockets for bidirectional communication, implementing asynchronous data processing for concurrent participant interaction.
- Developed Virtual Venues platform integrating Zoom API with React.js frontend, enabling interactive virtual event experiences with WebRTC communication.
- Implemented caching mechanisms and query optimization to enhance application performance.
- **Technical Environment:** React.js, Laravel, AWS (EC2, CloudFront, S3), MySQL, Redis, WebSockets, RESTful APIs