

Simon Degala Campos

AI Backend Developer

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SUMMARY

AI Backend Developer & Python Expert with 6+ years of specialization in designing and building scalable, high-performance backend systems. Skilled AI/ML Engineer with a strong track record in developing robust AI agents and intelligent solutions. Proficient in creating efficient, scalable architectures that drive innovation and support complex AI workflows. Adept at leveraging cutting-edge technologies to deliver impactful, reliable backend services for demanding applications.

SKILLS

Language

Python, Go, Java, C#, JavaScript, Typescript, C++

AI library

TensorFlow, PyTorch, Scikit-learn, CoreML

Backend Tool

Dijango, FastAPI, Flask, Node.js, Rest API, GraphQL

Database

MySQL, PostgreSQL, MongoDB, Cassandra, Supabase

DevOps

AWS, Azure, Docker, Terraform, Kafka, RabbitMQ

Version Management

Github, GitLab, Git

Other

Postman, VS Code, Data Scraping, Selenium, Jira, Slack

EXPERIENCE



AI Full Stack Developer

Upwork

08/2025 - Present Remote

Upwork is a leading global freelancing platform headquartered in Palo Alto, California, connecting businesses with independent professionals and agencies across various categories including software development, design, marketing, and more.

- Developed AI-powered applications integrating machine learning models for enhanced user interaction and automation
- Implemented scalable backend APIs to support real-time data processing and dynamic AI workflows
- Designed intuitive front-end interfaces using React and Next.js for client-facing AI tools
- Automated deployment pipelines and CI/CD workflows to streamline development cycles
- Leveraged cloud platforms for AI model hosting and scalable infrastructure management
- Collaborated with clients to translate business needs into technical AI solutions and custom features



Algorithm Trading Specialist

Truelancer

02/2024 - 08/2025 Remote

Truelancer is a global freelance marketplace connecting businesses with skilled professionals globally

- Developed and optimized algorithmic trading strategies for crypto, stock, and forex markets using AI techniques
- Applied NLP for sentiment analysis on financial news to improve trade decision making
- Utilized time series forecasting models to predict asset price movements and market trends
- Implemented machine learning pipelines for risk management and trade signal generation
- Integrated trading algorithms with centralized exchange APIs for automated execution
- Analyzed historical trading data to refine models and increase profitability of strategies

EXPERIENCE



Senior Backend Developer

Plentina VN

📅 04/2021 - 02/2024 📍 Paranaque, Philippines

Plentina is a fintech startup providing Buy Now, Pay Later (BNPL) credit solutions in emerging markets, primarily in the Philippines. The company helps consumers build credit history and make cashless payments through a mobile app and partnerships with merchants

- Led backend development of credit and loan management systems using modern frameworks and cloud technologies
- Designed and maintained scalable RESTful APIs for mobile and web fintech applications
- Assisted in the implementation of AI solutions for clients, leveraging machine learning and smart analytics
- Implemented secure data processing workflows compliant with financial regulations
- Optimized database schemas and queries for high-performance transaction processing
- Integrated third-party payment gateways and merchant partners for seamless BNPL service delivery
- Collaborated cross-functionally to translate product requirements into robust backend solutions



Junior Backend Developer

Converge ICT

📅 10/2019 - 04/2021 📍 Angeles, Philippines

Converge ICT Solutions Inc. is a premier fiber optic internet and digital services provider in the Philippines, known for its extensive fiber network and commitment to reliable, high-speed internet connectivity for homes and businesses

- Developed backend features supporting internet service and billing platforms using popular backend technologies
- Assisted in database management and optimization for customer account and service data
- Supported API integrations with third-party systems for service monitoring and provisioning
- Contributed to troubleshooting and fixing backend performance and security issues
- Collaborated with senior developers to implement new system modules and upgrades
- Participated in code reviews and adhered to best practices in software development lifecycle

EDUCATION

Bachelor's Degree in Computer Science

University of Rizal System (URS)

📅 2016 - 2019 📍 Tanay, Philippines

- Completed coursework in software development, data structures, algorithms, databases, and programming languages
- Participated in projects involving web development, mobile apps, and software design
- Gained practical experience in coding, debugging, and collaborative development environments

PROJECTS

UI-Butler - Advanced Full-Stack Monorepo Architecture

🔗 <https://www.uibutler.xyz/>

Full-Stack monorepo using Turborepo with Nest.js backend microservices and Next.js frontend microservices

Backend Architecture

- Microservices Framework: Nest.js-based services with modular architecture
- Inter-Service Communication: gRPC protocol implementation
- Caching System: Custom Redis-based caching implementation
- Authentication: JWT and Passport.js integration
- Job Processing: BullMQ integration for async operations [recommended only for dev because of large amount of redis calls in production]
- AI Integration: GEMINI AI response streaming
- Workflow Management: Custom AI workflow handling for planning the execution
- Microservices proxying: Implementing proxying from API-GATEWAY to components microservice
- Hybrid backend microservice: Generated a Nest.js app that is a hybrid application. It serves as an HTTP server and as a microservice.
- Containerization: Containerizing microservices with docker and docker-compose

Frontend Implementation

- Frontend Microservices: Next.js-based modular frontend architecture
- SSE: Showcased how to handle Server-Sent Events on the frontend and backend for instantaneous streaming the AI responses
- Workflow Visualization: React-flow implementation
- State Management: Advanced state management patterns
- API Integration: Comprehensive API service integration

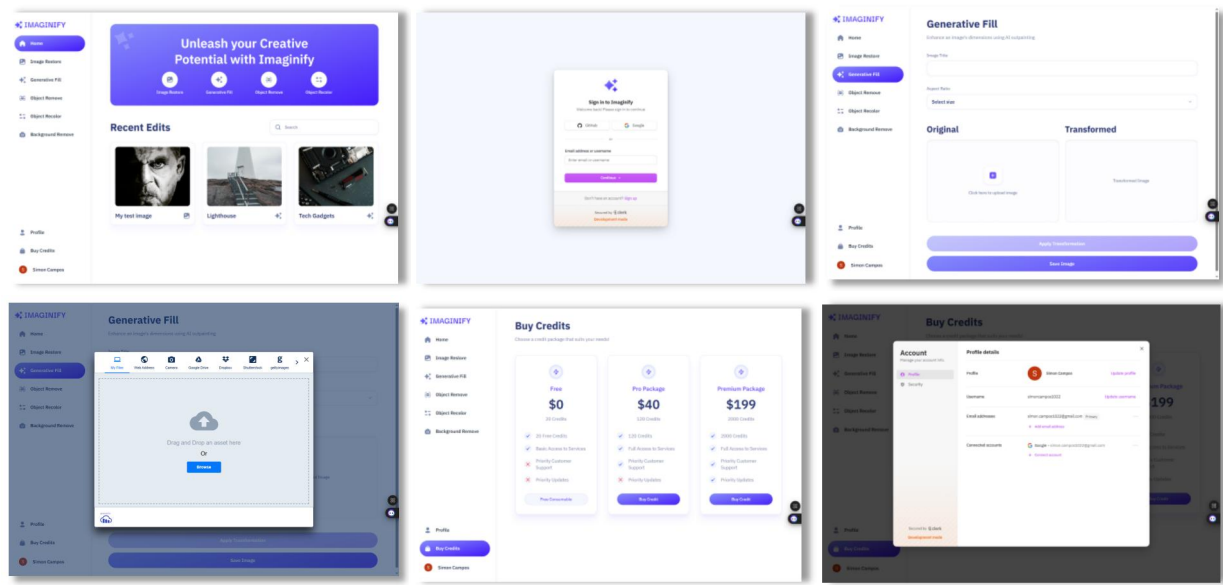
PROJECTS

Imaginify - Image Transformation Platform (AI-Powered SaaS App)

<https://ai-sass-app-pi.vercel.app/>

Imaginify is a cutting-edge AI-powered SaaS platform that transforms images using advanced machine learning algorithms. Built with modern web technologies, it provides users with powerful image editing capabilities through an intuitive and beautiful interface. The platform leverages state-of-the-art AI models to deliver professional-grade image transformations that were previously only available to experts with expensive software.

- Imaginify is an AI-powered SaaS platform that delivers professional-grade image transformations using advanced machine learning models like CNNs, GANs, and Stable Diffusion.
- It offers real-time, high-quality image restoration, background removal, object removal, content-aware expansion, and style transfer with support for up to 8K resolution and batch processing
- The platform features a flexible subscription system with credit management and secure Stripe payment integration for seamless user experience
- Imaginify provides robust user management including multi-factor authentication, social logins, API key control, and AI-powered image organization with smart collections and semantic search
- Built with modern technologies such as Next.js, React, TypeScript, Tailwind CSS, and MongoDB, it ensures a responsive, accessible, and intuitive UI with progressive web app capabilities
- A complete backend architecture supports fast GPU-accelerated AI inference, Redis caching, serverless edge functions, and comprehensive error monitoring for reliable performance at scale



Plante AI - Smart Meal Analysis App

<https://drive.google.com/drive/folders/1T0s3laE9Z6iulVpn4Z99IYFK7xCbErO?usp=sharing>

Plante AI is an innovative Flutter application that revolutionizes how we understand and improve our eating habits through advanced AI-powered meal analysis. Simply take a photo of your meal, and our intelligent system will provide comprehensive insights, health recommendations, and safety alerts.

- Plante AI is a Flutter app that uses AI to analyze meals from photos, providing detailed nutritional information and calorie estimates.
- It offers personalized health and dietary recommendations based on user goals and nutritional gaps. The app detects allergens, unsafe food combinations, and contamination risks to ensure meal safety
- The app detects allergens, unsafe food combinations, and contamination risks to ensure meal safety
- Users can track their meal history, monitor dietary trends, and receive an overall health score for their eating habits
- The app supports offline use, multiple languages, and runs seamlessly on iOS, Android, and Web platforms

