

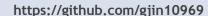
CONTACT



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Lorenzo Ruiz, Taytay, Rizal



JONATHAN GARCIA

BACHELOR'S OF SCIENCE IN COMPUTER ENGINEERING

PROFILE AND OBJECTIVES

I'm a software developer with 2 years of experience specializing in backend API integration, automation, and AI-enhanced systems. Strong foundation in computer engineering with hands-on experience in FastAPI, Django, and data-driven applications. Eager to contribute to secure, scalable backend systems while continuing to grow in frontend technologies and AI integration. Known for being adaptable, detail-oriented, and a collaborative team player committed to innovation and system optimization.

SKILLS

- PROGRAMMING LANGUAGE:
 PROFICIENT IN PYTHON (PRIMARY)
- BACKEND DEVELOPMENT:
 SPECIALIZED IN FASTAPI, FLASK and DJANGO. BASIC KNOWLEDGE OF NODE.JS
- API INTEGRATION & WEBSOCKET: EXPERIENCED IN RESTFUL API DEVELOPMENT AND WEBSOCKET INTEGRATION
- CONCURRENCY MODELS AND CACHE: KNOWLEDGE OF ASYNCIO, THREADING, MULTIPROCESSING AND CACHING LIBRARIES
- AI & DEEP LEARNING: EXPERIENCE IN INTEGRATING AND TRAINING MODELS WITH NLP AND COMPUTER VISION
- DATABASES: EXPERIENCE IN (MYSQL, REDIS, SUPABASE)
- AUTOMATION & SCRAPING: SKILLED IN SCRAPY, SELENIUM, AND REQUESTS
- CLOUD & DEPLOYMENT: BASIC
 KNOWLEDGE OF AWS, GOOGLE CLOUD;
 EXPERIENCE WITH GITHUB AND
 HUGGINGFACE
- CONTAINER: BASIC KNOWLEDGE OF DOCKER.
- DEPLOYEMENT: EXPERIENCE WITH GITHUB AND HUGGINGFACE.
- FRONTEND (BASIC): REACT.JS FRAMEWORK EXPERIENCE FOR PROTOTYPING
- LINUX SYSTEMS: SPECIALIZED IN UBUNTU FOR DEVELOPMENT AND SCRIPTING
- TELEGRAM BOT DEVELOPMENT:
 SPECIALIZED IN TELEPOT FRAMEWORK

WORK EXPERIENCE

Algoforce Inc – Software Engineer (Financial Services)
7th Avenue corner 32nd Street, City Center, Bonifacio Global City,
Taguig City (2024 - 2025)

- Programming languages used Python and JavaScript (primarily backend role, with additional support on frontend using JavaScript).
- Built a secure financial dashboard with Django, integrating protected API keys for client and executive accounts.
- Implemented asynchronous, threading and caching.
- Developed live trade plotting using the Binance API and WebSocket in Node.js.
- Data extraction and automated getting data.
- Automating tasks and scripting on Linux and Windows.
- Worked on 24/7 crypto monitoring and provided reports to senior staff.
- Fine-tuned pretrained vision models to predict crypto prices from chart images.

Codev Solutions Inc. – Software Engineer (BPO)

Ortigas Center, Pasig, Metro Manila (2023 - 2024)

- Programming Language used Python, Javascript, Html and CSS
- Integrate the Voice Cloning and TTS to API using (Fast API) in Backend with a minimal frontend prototype for testing.
- Implemented asynchronous, threading and caching.
- Assisted in the fine-tuning and development of voice cloning (RVC) and text-to-speech (Bark TTS) models.
- Collaborate with DevOPS for cloud integration (GCP).

Probot Corp. – Software Developer (Intern)

Quezon City, Metro Manila (2023 - 2023)

- Programming Language used Python
- Automated email systems.
- Developed automated robotics with integrating AI

EDUCATION

Jose Rizal University - Bachelor

of Science in Computer

Engineering

2019-2023

Arellano University

Pasig Bonifacio

Campus

2017-2019

REFERENCE

- JAYSON E. GARCIA
 Software Engineer
 - Software Engineer 09561490771
- RAVEN D. CASERO

Senior Software Engineer 09152691534

ROYD AYND LAYSON OLA

Assistant chief nurse for trainee +63 995 054 0188

PROJECTS

Financial Dashboard Monitoring - GITHUB

-Tracks historical and real-time PnL, drawdown, and other financial metrics with date filtering using Django.

Live Trade Plotting (Binance) - GITHUB

-Plots real-time open positions and stop losses from Binance WebSocket data.

Al Chart Prediction Tool - Private Code

-Detects candlestick patterns and generates Buy/Sell signals using YOLO.

Telegram Bot for Al Crypto Signals - Private Code

-Sends Al-generated trade alerts using Telepot with real-time integration.

Fintech Bot (Telegram) - TELEGRAM LINK

-Sends real-time and historical account PnL summaries with plots via Telegram using a backend server.

QR-Based Attendance System Web-App - (GITHUB)

-Logs attendance via QR scans with real-time updates (FastAPI + Database).

Robotic Hand Control (CV) - (LINK)

Controls a robotic hand using gesture recognition via YOLO.

Voice Cloning & TTS App - (GITHUB)

-Real-time speech synthesis using Bark TTS and RVC models.

Smart Robot Cane (CV) - GITHUB

-Vision-based, obstacle detection and GPS tracker for assistive navigation.

SEMINARS, TRAININGS, AND CERTIFICATIONS

- Generative AI and Chatgpt Masterclass for Software Engineers (Udemy)
- Mastering WEB APIs wih fastAPI and Flask (Udemy)
- Technical Support Fundamentals (Google)
- Generative AI Fundamentals (Google Cloud Skills Boost)
- Machine Learning Operations (MLOps): Getting Started (Google Cloud)
- Developing AI Applications with Python and Flask (IBM)
- Introduction to Large Language Models (Google Cloud Skills Boost)
- AWS Academy Graduate AWS Academy Cloud Foundations. (AWS)
- Transformer Models and BERT Model (Google Cloud Skills Boost)
- Introduction to Basic Arduino and Raspberry Pi (ICEpEP)
- Fundamentals of Mobile Robotics conducted by Probot Corporation in cooperation with Mechatronics Technologies Corporation
- Google Cloud Fundamentals: Core Infrastructure (Google Cloud)
- Introduction to Cloud Computing (IBM)
- Preparing for your Professional Cloud Architect Journey (Google Cloud)
- Introduction to DevOps (IBM)
- Linux Fundamentals (LearnQuest)
- Architecting with Google Kubernetes Engine: Foundations (Google Cloud)
- Managing Linux Systems (LearnQuest)
- Google Cloud Big Data and Machine Learning Fundamentals (Google Cloud)

I hereby certify that the above information is true and correct to the best of my ability.

Signature of Applicant

Jonathan E. Garcia