ZHIGANG TIAN

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EXPERIENCE

2024 – PRESENT

Founder & Principal Engineer

AgentForest.one | Remote

Industry:	Multi–agent SaaS · MCP shared context
Tech Stack:	Fly.io / Neon Postgres / Cloudflare R2 / RunPod (vLLM)
Role:	Principal Engineer/DevOps

Summary:

Built a multi-agent SaaS platform that orchestrates domain agents (e.g., Resume/Preference/Search/Browser/Match/CoverLetter/Apply/Account/Email/Notify) via a shared Model Context Protocol (MCP), with full-stack delivery (Fly.io + Neon Postgres + Cloudflare R2 + RunPod/vLLM).

Responsibilities:

1. Led end-to-end architecture & implementation (multi-tenant SaaS, auth, RBAC, billing, observability).

2. Designed the MCP-based shared context and agent contracts; built visual orchestration flows.

3. Implemented AI serving (OpenAI/LLaMA APIs, RAG pipelines), request batching.

4. Built CI/CD + infra as code (Docker, Fly.io), storage on R2, DB on Neon, audit trails and GDPR-style logs.

   Integrated payments (PayPal → Stripe roadmap)、i18n（en/zh/fa）.

5. Wrote product specs, SOPs & runbooks; coordinated UX, data governance, and risk controls.

Achievements:

1. Delivered a working multi-agent MVP covering job-search and healthcare vertical demos (chat-driven).
2. Shipped visual flow editor + runtime to monitor agent steps, retries, and tool-use traces.
3. Reduced unit inference cost via prompt templating, response caching, and dynamic model routing.
4. Established auditability: conversation transcripts, action logs, and PII redaction pipeline.
5. Launched deployment playbooks (blue/green) and incident SOPs; improved recovery reliability.

JAN 2023 - PRESENT

Founder & Lead Engineer

MedGPT | National Capital Reg, Philippines

Industry:	Health Care
Tech Stack:	NLP, Node.js, PHP, Python, Flutter 3.7, LLM, OpenAI APIs, LLaMa, Med-PaLM
Role:	Lead Software Engineer/DevOps

Responsibilities:

1. Led the technical architecture of MedGPT.co, an AI-based medical toolset built using Node.JS and Express. Utilized SQLite as the database, integrating with Hugging Face, OpenAI APIs, and Med-PaLM models to provide comprehensive AI solutions for medical professionals and patients.
2. Managed the development and deployment of sub-features such as the Android version of MedGPT and the AI talking doctor MedGPT.app, leveraging Flutter 3.7 and Python.
3. Directed the development of the MedGPT.one platform, with a focus on FineTuning large models suitable for various medical applications.
4. Implemented DevOps practices, including automation and monitoring, to manage the deployment and scaling of MedGPT's infrastructure, utilizing Azure and Google Cloud services.

Achievements:

1. Successfully built and deployed MedGPT.co, an AI-based medical toolset that utilized NLP, Node.JS, Express, SQLite, Hugging Face, OpenAI APIs, and Med-PaLM models.
2. Managed to secure an organic growth of MedGPT.co user base to over 3,000 without promotional activities, with a daily user increase of approximately 100.
3. Led the development and deployment of the Android version of MedGPT, expanding the accessibility of the toolset across different platforms.
4. Initiated the development of the MedGPT.one platform aiming to provide an AI comprehensive medical platform with FineTuned large models.
5. Actively working on the innovative talking AI doctor - MedGPT.app, aiming to revolutionize patient-doctor interactions.
6. Filed for a patent ("GPT-based Automated Medical Care System"), underscoring the commitment to innovation and advancement within the field.

MAY 2021 - JUL 2022 (1 YEAR 2 MONTHS)

Cloud Engineer

Accenture | Philippines

Specialization:	Multi-cloud migration · Terraform · Docker/Kubernetes · CI/CD · Observability
Tech Stack:	Terraform, Docker, Kubernetes, GCP, Azure, AWS, CI/CD, API Gateway

Key Responsibilities & Achievements:

1. Standardized IaC (Terraform) and container delivery (Docker/K8s) across GCP/Azure/AWS environments.

2. Implemented CI/CD with versioning, canary and rollback; set up logging/alerts; supported API gateway and auth integration.

3. Partnered with FinOps to improve quota and billing observability and to recommend cost-optimization changes.

MAY 2021 - PRESENT (17 MONTHS)

Founder & Lead Engineer

MedCloud.PH | National Capital Reg, Philippines

Industry:	Health Care
Tech Stack:	Node.JS Express.js, EJS, SQLite3, PHP, Nginx, Flutter 3.0, Cloud API
Role:	Software Engineer/DevOps

Key Achievements:

1. Successfully built and deployed MedCloud.PH, a medical cloud platform utilizing Node.JS, Express, SQLite, PHP, Google Cloud API, and Azure API.

2. Led the development and deployment of MedCloud's sub-business systems such as MedSAAS, MedX, Voicen and TeleMed.

3. Implemented telemedicine and remote diagnosis features that improved the access of medical services to the remote areas of the Philippines.

4. Improved the overall efficiency and digital transformation of the Philippine medical industry through the use of MedCloud.

MAR 2020 - MAY 2021 (14 MONTHS)

Founder & CTO

GoFreshBuy & FoodCloud | National Capital Reg, Philippines

Industry:	Retail / Merchandise
Tech Stack:	HTML5, Angular.JS, Ionic 5.0, PHP, Laravel, MySQL, Nginx, Python, PyTorch
Position:	Senior Manager

Key Achievements:

1. Established a new model of fresh food distribution service system, utilizing a closed management of distributors, stores, and orders.

2. Implemented a two-dimensional code tracking system for fresh products and stores, laying the foundation for the future fresh food supply chain IoT system.

3. Built a machine learning system that quickly identifies users' tastes and automatically matches food purchase packages according to users' immediate needs.

4. Reduced downtime and improved performance by automating the deployment process and implementing continuous monitoring of system health.

JUN 2019 - PRESENT (1 YEAR 6 MONTHS)

Founder & Project Supervisor

FacePay & FaceBanc | National Capital Reg, Philippines

Industry:	Banking / Financial Services
Tech Stack:	HTML5, React.js, jQuery, PHP, Laravel
Position:	Senior Manager

Key Achievements:

1. Developed and implemented a solution that allows enterprises to access multiple payment platforms with just one click, supporting major payment platforms in Southeast Asia, the Middle East, Europe and North America.

2. Developed and implemented a solution that allows individuals to make payments using just one QR code, regardless of the payment platform they use.

3. Developed and implemented a one-stop currency exchange solution that facilitates foreign trade and payments for individuals and enterprises.

4. Developed and implemented a cloud wallet solution that is compatible with multiple payment platforms, including location-based services.

APR 2018 - JUN 2019 (1 YEAR 3 MONTHS)

Financial Data Project Manager

Hefa Global | China

Industry:	Retail / Merchandise
Tech Stack:	Python, SQL, Tableau, AngularJS
Salary:	CNY 27,000

Key Achievements:

1. Successfully developed a platform for capital assets, distribution, and profit arrangement.

2. Built an underlying assets general account-sub-account system and redesigned authority allocation system for more flexibility.

3. Improved overall performance of e-commerce platform through data analysis and system implementation.

4. Improved efficiency and scalability of platform through implementation of DevOps practices and use of Alibaba Cloud services.

OCT 2016 - JAN 2018 (1 YEAR 7 MONTHS)

Online Loan Project Supervisor

Yizhen finance (Shanlin Group) | China

Industry:	Banking / Financial Services
Tech Stack:	Python, R, SQL, JSP, Java, Logistic regression, Random Forest, SVM
Salary:	CNY 32,000

Key Achievements:

1. Made unique contributions to the industry through three major changes in the risk control of online lending. Reduced the bad debt rate of network loans from 20% to 7% through machine learning implementations.

2. Built an integrated platform for repayment, lending, and collection, utilizing machine learning techniques and big data technologies to improve the scoring system and anti-fraud capabilities.

OCT 2014 - SEP 2016 (2 YEARS)

P2P Project Manager

Yinpiao.com (China) Co., LTD | China

Industry:	Banking / Financial Services
Tech Stack:	HTML5, CSS3, JavaScript, AngularJS, Adobe XD, Sketch, InVision
Salary:	CNY 25,000

Key Achievements:

1. Successfully reconstructed the product system of the main website of yinpiao network and established cooperation with ministry of education, opening up a new mode of education and financial management.

2. Built the combination of yinpiao network and traditional network media channels, developed interactive series of products for user engagement.

3. Designed and developed a financial reconciliation system that realizes direct connection between banks and enterprises with real-time reconciliation.

DEC 2012 - JUN 2014 (1 YEAR 7 MONTHS)

Java Project Director

Trustone.com - Shanghai Jufu financial information | China

Industry:	Banking / Financial Services
Tech Stack:	HTML5, CSS3, JavaScript, Java, Spring Framework, Hibernate ORM, JSP
Salary:	CNY 21,000

Key Achievements:

1. Successfully developed a third-party large financial custody account jointly with China UnionPay commercial company, used for investors to directly invest more than 200,000 yuan online.

2. Realized the separation of the custody account and financial management platform, making it the first large-amount fund custody account system in China.

3. The program can be accessed through: http://www.trust-one.com

JUL 2008 - DEC 2012 (4 YEARS 6 MONTHS)

Front-End Software Engineer

Shanghai Ennovation Culture & Communication Group | China

Industry:	Computer / Information Technology (Software)
Tech Stack:	ActionScript 3.0, Flex, HTML5, CSS3, JavaScript
Salary:	CNY 16,000

Key Achievements:

1. Successfully developed the software part of the Chongqing metro navigation machine and mobile advertising machine client systems, utilizing Flex and ActionScript for customized equipment front-end effects.

2. Led the front-end development of the company's products in the field of transportation, utilizing the latest front-end technologies to create responsive and interactive user interfaces.

3. Conducted extensive demand investigation and product construction to create user-friendly and visually appealing systems that meet end-user needs.

EDUCATION

2021-2024

Bachelor's in Machine Learning and Artificial Intelligence

GoldSmith, University Of London | UK (Online)

2004-2008

Bachelor's Degree in Computer Science/Information Technology (In-completion)

Nanjing University | China

SKILLS

Advanced Frontend

- HTML5 + CSS3 + JavaScript (Vanilla or ES6)
- Angular.js + TypeScript
- React + Redux + JSX
- Vue.js + Vuex
- Ionic 5.x + Angular + TypeScript
- Flutter 3.x + Dart

Cloud and AI

- Google Cloud Platform (GCP), TensorFlow, Google Firebase
- Azure, Azure Machine Learning
- AWS, SageMaker
- Python, Pandas, Numpy
- TensorFlow, PyTorch
- Jupyter Notebooks, SQL, PostgreSQL

Backend

- Node.JS + Express.js + MongoDB (MEAN / MERN Stack)
- PHP + Laravel + MySQL
- Python + Django + PostgreSQL
- Java + Spring Boot + MySQL

DevOps

- Docker, Kubernetes
- Jenkins, Git
- Ansible, Puppet
- Terraform, AWS CloudFormation

Intermediate

- Git, Docker, Machine Learning, IOT, SAAS, PAAS, LAAS

PROJECTS

AI/Multi-Agent Systems

1. AgentForge
2. AgentForest Platform
3. AgentForge Suite
4. AI Persona Factory

Medical/Health Tech

1. DokTok-5 (Medical AI)
2. MedDeep (Medical Deep Learning)
3. DokTok AI Platform

Food/Lifestyle Tech

1. FoodMate
2. RealReel

AI/ML Research

1. P-adic Machine Learning
2. ESR-GNN (Graph Neural Networks)
3. SC-EF-Net
4. Entropy Steady State GNNs

Job/Career Tech

1. JobAI
2. EduMatch
3. FindJob

Business/Finance Tech

1. FacePay Risk Prediction
2. PropPit Auto Publisher
3. SaleTok-2
4. PropAI

LANGUAGES

Proficiency level: 0 - Poor, 10 - Excellent

Language	Spoken	Written
Mandarin (Primary)	10	10
English	7	8

AWARDS & ACHIEVEMENTS

Patent Application Type/No: Invention 1/2023/050166

Applicant: TIAN, Zhigang (CN)
Title: GPT-based Automated Medical Care System
Patent Examiner: Jerson P. Turga

Software Copyrights

2023-01514-N COMPREHENSIVE MEDICAL API SUITE

2023-01515-N MEDCITY DIGITAL HOSPITAL INFRASTRUCTURE PLATFORM

2023-01516-N MEDCLOUD.PH MEDICAL CLOUD PORTAL AND SUBSYSTEMS

2023-01517-N MEDGPT AI DOCTOR (AUTOMATED MEDICAL ASSISTANCE SYSTEM)

2023-01518-N MEDGPT AI DOCTOR (AUTOMATED MEDICAL ASSISTANCE SYSTEM)

2023-01519-N MEDGPT AI DOCTOR (PHYSICIAN'S AI-ENHANCED NOTES AND DOCUMENTATION SYSTEM)

2023-01520-N MEDGPT AI DOCTOR (ADVANCED AI MODELS)

2023-01521-N MEDGPT AI DOCTOR (PATIENT APP, FLUTTER VERSION)

2023-01522-N AI-DRIVEN MEDPHARM PHARMACY MANAGEMENT SYSTEM

2023-01523-N MEDV VIDEO CONSULTATION PATIENT APP (FLUTTER), DOCTOR APP (FLUTTER) AND ADMIN SYSTEM (REACT)

2023-01524-N VOICEN AI-POWERED MEDICAL TRANSCRIPTION PLATFORM

2023-01525-N INTELLIGENT IMAGE DIAGNOSTIC ASSISTANT SYSTEM (IIDAS)

Expected Salary	Preferred Location	Gender	Age	Marital Status
USD 60,000 Annual	Philippines	Male	39 years	Married