Chee Nue Lor

Lead Full Stack & AI Systems Engineer | Architect of Scalable Intelligence

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Professional Summary

Result-driven Lead Full Stack & AI Engineer with 6+ years of hands-on experience architecting, deploying, and scaling intelligent SaaS, fintech, and automation platforms. Expert in Python, Node.js, React, and advanced AI/ML ecosystems (PyTorch, TensorFlow, LangChain). Proven ability to lead cross-functional teams, implement efficient CI/CD pipelines, and deliver high-availability cloud systems serving global clients. Recognized for translating complex AI research into scalable, secure, and cost-efficient production systems.

Professional Experience

Lead Full Stack & AI Engineer, *Freelance / Contract*   04/2023 – Present
                                                                          Remote
- Delivered 20+ AI-driven SaaS and fintech systems integrating GPT-based Remote workflows, automation, and predictive analytics.
- Architected multi-agent automation pipelines (Python + Node.js) reducing manual operations by 85%.
- Built real estate forecasting models (6-2 months) enabling clients to achieve 22% more accurate investment decisions.
- Deployed Dockerized CI/CD pipelines cutting deployment times from 30 min to 5 min.
- Led team of 5 engineers, mentored juniors, and standardized system design reviews improving output by 25%.
- Implemented enterprise-grade security protocols (OAuth2, JWT) ensuring compliance and data integrity.

Senior Full Stack Engineer, *Luminaa.io*   06/2021 – 03/2023
                                                              Remote
- Scaled multi-tenant SaaS infrastructure with NestJS + PostgreSQL, Remote improving performance by 35%.
- Developed an AI recommendation engine increasing engagement and retention by 12%.
- Directed Kubernetes-based scaling achieving 99.99% uptime across microservices.
- Collaborated with product and data teams to deliver customer-centric AI solutions serving 50K+ users.
- Introduced monitoring via Prometheus + Grafana, enhancing observability and incident response by 0%.

AI/ML Research Engineer, *OpenAI Hackathon Circuit*   06/2019 – 05/2021
New York, NY
- Designed NLP and reinforcement learning models for automation and
  New York, NY knowledge extraction.
- Built interpretable AI dashboards (SHAP, LIME) ensuring transparency in
  ML models.
- Fine-tuned transformer-based architectures achieving state-of-the-art
  results.
- Published research insights and open-source tools used by 1K+
  developers.

Education

B.S. Computer Science, *New York University*   09/2015 – 05/2019
New York, NY
- Focus: Machine Learning, Distributed Systems, Software Engineering New
  York, NY

Certifications

Google TensorFlow Developer Certificate - AWS Certified Developer - Associate - Udacity Full Stack Web Developer Nanodegree

Core Competencies

Frontend
React, Next.js, TypeScript, Redux, React Native
(Expo), Tailwind

AI/ML
PyTorch, TensorFlow, scikit-learn, LangChain,
OpenAI API, Hugging Face, RAG, NLP, MLOps

Cloud & DevOps
AWS (Lambda, ECS, EC2, S3), GCP, Docker,
Kubernetes, GitHub Actions, Airflow, Terraform

Backend
Python (FastAPI, Flask, Django), Node.js,
NestJS, Express, Laravel

Databases
PostgreSQL, MongoDB, MySQL, Redis, Firebase

System Design
Microservices, Event-driven Architecture,
Serverless, GraphQL, WebSockets, API Security,
Nginx