Philip Yong

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SUMMARY

Lead AI Engineer & Full-Stack Developer (5+ yrs) building impactful AI solutions (LLMs, RAG) & robust applications (TypeScript, Python, React, Node.js). Drives efficiency & solves complex problems. Seeking AI/Full-Stack role in an SF startup.

WORK EXPERIENCE

Lead AI Engineer
August 2023 – Present

Littlefield Agency — Tulsa, OK

- Pioneers internal AI solutions (LLMs: OpenAI, Anthropic, Google; RAG; Python/FastAPI) enhancing operational efficiency and team productivity.
- Architected AI chat (Supabase Vector DB) for querying private client data, effectively streamlining content creation workflows & Q&A processes.
- Built AI Billing App (OpenAI GPT-4.1 Mini, Browserbase) automating complex data extraction, saving the accounting team approximately 5 hours weekly.
- Implemented "Find A Dealer" full-stack app, integrating Google Maps & HubSpot APIs for intuitive, real-time dealer lookup by customers.
- Manages end-to-end development and self-hosted deployment (Coolify) of all internal AI tools and APIs, ensuring robust and scalable solutions.

Product Lead
August 2022 – July 2023

PotentialForge — Kuala Lumpur, Malaysia

- Spearheads 3-person team developing B2C SaaS education platform (Next.js, Node.js); owns product roadmap, achieving 97% on-time feature delivery.

Software Engineer
January 2023 – April 2023

YouVersion (Bible.com) — Oklahoma City, OK

- Engineered performant design system components (TypeScript, React, Next.js), cutting file size 90% & improving load times; championed code quality via JSDoc, Storybook & robust testing (Jest, Cypress).

Founding Engineer
December 2021 – May 2022

Learning Loop — Singapore

- Led social platform development; architected User Behavior Dashboard with Node.js API to provide critical data-driven insights for stakeholders.

Full Stack Web Developer
December 2020 – July 2021

Wizard Within — Kuala Lumpur, Malaysia

- Developed React.js photo editor for dynamic content; overhauled storybook experience, cutting server storage 400% & image generation time by 50%.

EDUCATION

Bachelor of Science (BS) in Computer Science
University of Central Oklahoma

SKILLS

AI/ML: LLMs (OpenAI API, Anthropic API, Google Gemini API), RAG (Retrieval Augmented Generation), Vector Databases (Supabase), Python (for AI/ML), FastAPI, Browser Automation (Browserbase, Stagehand), n8n

Programming Languages: TypeScript, Python, SQL, PHP

Web Development: React.js, Next.js, Node.js, Bun, Hono, tRPC, Tailwind CSS