

Lucas Taylor

AI Developer | Full-Stack Engineer | Python & AI Specialist

Professional Summary

Innovative and results-driven AI Developer with over 10 years of experience in full-stack development for web and mobile applications. Specialized in building AI-powered systems and integrating APIs across platforms. Highly adaptable and customer-focused, with a passion for learning from peers and staying ahead of emerging technologies. Demonstrated success in both freelance and corporate environments, leading teams and delivering intelligent solutions that consistently exceed expectations.

Core skills

- Languages & Frameworks: Python, Django, Node.js, React, Angular, Flutter, Laravel, SpringBoot, GraphQL
- Mobile Development: Android & iOS (Flutter)
- Backend & Databases: Firebase, MySQL, MongoDB, REST APIs
- AI & Machine Learning: Generative AI, OpenAI API, Fine-tuning models
- Project Management: Team leadership, Agile development, Client communications
- UI/UX Tools: Figma, Qt

Professional Experience

Elara AI – Australia

- Senior AI Developer & Team Lead | 2020 – 2023
- Led development of cutting-edge AI solutions and transitioned to team leadership in 2022.
- Built and maintained Galler-ai, a generative image creation platform powered by OpenAI, widely recognized for image quality and stability.
- Mentored junior developers and managed project timelines, resulting in improved delivery speed and code quality.
- Spearheaded integration of modern AI frameworks into web platforms to enhance user experience and performance.

Freelance Developer

- Full-stack & AI Application Developer | 2015 – 2018
- Started career as a freelancer directly after graduation; built a successful portfolio and network of clients.
- Developed and delivered a range of full-stack applications across different domains, including booking, transport, and analytics.
- Maintained long-term relationships with initial clients, many of whom still entrust key projects.
- Overcame early career challenges to establish a top-ranked freelance profile through persistence and quality delivery.

Projects

Galler-ai

Image generation platform powered by OpenAI

<https://gallerai.ai>

Stack: React, Node.js, GraphQL, Generative AI

- Developed a full-stack system to generate high-quality AI images from user prompts.
- Optimized AI integration for performance and user interface responsiveness.

Bestinform

Booking platform for European travelers

<https://www.bestinform.eu>

Stack: Angular, SpringBoot, MySQL, Firebase

- Engineered real-time booking features and intelligent recommendation system.
- Ensured platform scalability and high availability during peak seasons.

Starlink Control System

Terminal status tracking system

<https://www.starlink.com>

Stack: WordPress, Node.js, MongoDB, REST API

- Designed terminal signal monitoring system to interface with hardware in Alaska.
- Enabled remote signal reception and control capabilities for internal teams.

Drivemond Taxi Management Platform

<https://drivemond-admin.codemond.com/>

Stack: Django, Flutter, Laravel, Figma

- Created an all-in-one solution for taxi service management, including passenger and driver apps.
- Integrated real-time tracking, payment, and admin dashboard features.

NBA Data Analysis System

- Built a sports analytics tool using OpenAI to process NBA statistics and deliver actionable insights.
- Helped users make strategic decisions for fantasy sports and betting platforms.

PathFinder – Mineral Geography Analysis

- Developed AI-based geological analysis platform to identify and classify mineral systems.
- Implemented mathematical algorithms and fine-tuned models using Python and Django with Qt interface.

Education

Bachelor's Degree

Field: Computer Science and AI Engineering

Trent University, 2015