

LEWIS PAKOTI

AI-NATIVE SOFTWARE DEVELOPER & AI IMPLEMENTATION SPECIALIST

AI-Native Development | Full-Stack | AI Enablement | Workflow Discovery | Digital Systems

Based in Auckland, New Zealand | Open to Hawke's Bay, BOP, Whangārei & Remote

PROFILE

Software developer and digital enablement professional. I design, build and deploy products with AI assistants while owning the decisions and checking the output. I also help organisations work out where AI fits within their systems and processes: finding useful use cases, improving workflows, and helping people build the confidence to use new tools well. My background spans full-stack development, digital systems, marketing, digital inclusion and coaching.

STRENGTHS

- **Software development:** Full-stack web development with JavaScript/TypeScript, React, Node.js, Python and SQL, .NET and C#; hosting, members areas, payment and e-learning integrations.
- **AI-native development:** Planning, coding, debugging and documenting with Claude Code, Codex, Cursor, Claude, ChatGPT and Gemini, with Git/GitHub and human review of AI output.
- **AI enablement:** Use-case discovery, prompt and workflow design, AI-assisted workflows and practical AI adoption.
- **Digital systems and workflows:** Workspace setup, process discovery, requirements gathering, platform consolidation and system improvement.
- **Training and communication:** Workshops, 1:1 guidance, digital inclusion, guides and clear explanations for non-technical users.
- **Responsible AI:** Human review, validation, data awareness and appropriate use of AI versus automation.

PROJECTS

- **Ngā Māia (live):** Full digital buildout, from planning and design to development, for an organisation with no online presence: Google Workspace setup, a website I designed and built, a members area with a mailing list, and a connected e-learning platform that generated tens of thousands of dollars within months. Currently independently maintained.
- **Iwaiwa (live):** Built and hosted the website from another designer's design with AI assistants, plus a members area, e-learning platform and payment gateways.
- **Kupu Māori (live):** Māori dictionary application, shipped and iterated with an AI-native workflow.
- **Whakapapa (in development):** Lightweight, collaborative family-tree app for Māori users, built on a visual canvas rather than a form-heavy database.
- **Enterprise Data & AI Implementation (modeled):** Implementation method on a fictional organisation: discovery, data ownership, pipelines, data quality, governance and secure AI access.
- **AI Workflow Discovery Automation (previously live):** n8n and ChatGPT workflow that asks staff how they use AI, which tasks recur and how long they take, then points them toward possible solutions.
- Other personal tools, prototypes and automations include a namecheck tool and a personal AI workspace/AIOS. Repositories are available for review upon request.

EXPERIENCE

Contractor | Confidential and independent engagements | 2022-2023

- Supported digital solution discovery and planning for business and membership use cases, including requirements, feature definition, documentation and implementation support.

- Recorded te reo Māori speech and supplied matching transcriptions for an AI speech-data project, working independently to project specifications and quality requirements.

Full Stack Software Development Intern | Datacom - Emerging Technologies | Jul 2022-Oct 2022

- Joined Datacom's Emerging Technologies team as an intern, working in Agile development and contributing to collaborative technical projects and documentation.
- Helped shape two internal concepts: an NFT-linked digital trophy for hackathon winners, and a gamified workplace-attendance solution using points and leaderboards to encourage in-office participation.

Marketing Manager | HTK Group Ltd | Mar 2021-Mar 2022

- Rebuilt the organisation website and brought landing pages, email marketing, sales funnels and web assets into Builderall, reducing fragmentation and giving the team more control of its digital activity.
- Set up digital marketing infrastructure across Meta/Facebook, LinkedIn and YouTube, including account structures, tracking pixels, campaign processes and supporting guides.
- Created videos, posts, guides and other digital content, and supported workshops, wānanga and hackathons while working with internal stakeholders on practical digital systems and marketing processes.

Technical Facilitator | Arataki Systems - Kanorau Digital | Oct 2020-Mar 2021

- Contracted during New Zealand's COVID-19 digital inclusion response to help digitally excluded and low-confidence users in West Auckland build practical technology skills.
- Delivered hands-on guidance using Chromebooks and everyday online services, adapting explanations for older and technology-inexperienced learners so they could complete everyday digital tasks more independently.

Fitness Instructor & Crossfit Coach | Hawke's Bay and Auckland | 2012-2016

- Coached individuals and groups across Sportspark CrossFit, CrossFit New Zealand, Reebok CrossFit 09 and YMCA Onehunga, adapting instruction to different ability, confidence and learning needs. Also delivered contracted strength and conditioning sessions for Unison linesmen.

EDUCATION & CREDENTIALS

Bachelor of Science specialising in Data Science | University of Auckland | *Partially Completed 2024-2025*

Certificate in Full Stack Web Development | Enspiral Dev Academy | *Completed 2020*

AWS Certified Cloud Practitioner | Amazon Web Services | *Completed 2022*

AWS re/Start Programme | Unitec Institute of Technology | *Completed 2022*

TECHNICAL & DIGITAL TOOLKIT

- **Development and data:** JavaScript/TypeScript, React, Node.js, Python, C#, SQL, bash, Git/GitHub, Linux, PostgreSQL/MySQL/SQLite, Docker basics, AWS foundations.
- **AI:** Claude Code, Codex, Cursor, Claude, ChatGPT, Gemini, AI-assisted development, prompt/workflow design, MCP concepts, ICM, n8n, Notion.
- **Digital:** Google Workspace, MS365, Builderall, Meta, LinkedIn, YouTube, Adobe Suite, Canva, email marketing, landing pages, funnels and digital content.