Robert Guthrie

CTO, Senior Developer, UX Designer, Startup Entrepreneur

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PROFILE

Lifelong programmer with a passion for the power of the internet to transform society and improve lives. Serial entrepreneur, business and product strategist, and relentless problem solver. Loves building useful tools that real people use. Supports others to learn and grow.

KEY SKILLS

- Full stack software development
- User experience design
- Dev-ops / server management
- Ruby, JavaScript, SQL, Zig, Clojure
- Rails, Node.js, HTML, CSS

- Technical team leadership
- Product development
- Business strategy & governance
- Business model development
- Customer value creation

EXPERIENCE

Loomio - *co-founder, co-owner, senior developer*   2013 - PRESENT

Collaborative decision-making software, cooperative social enterprise startup.

- Lead developer and designer
- Responsible for evaluating and deciding the technology stack
- Reliability and performance engineering
- Technical team building / training and mentoring
- UX design and product strategy
- Customer training workshops, public speaking
- Decision-making about every aspect of the business as a co-owner

Enspiral Foundation - *director, co-owner*   2016 - PRESENT

Governance of a network of over 300 social entrepreneurs and positive impact businesses, in New Zealand and internationally. Ensuring fiscal responsibility, risk management, and supporting the overall mission of "more people working on stuff that matters."

Enspiral Services *- freelance developer*   2012 - 2015

Lead development, client management, technical estimation, delivery of reliable working software, and complex problem solving to client specifications. Wide range of contracts, including:

- I Heart NZ - share photos of environmental sites and donate to the Green Party
- Relief Engineers - job search site for super yacht engineers
- Yesandera - online offsite, team building process app
- My.enspiral - internal banking and accounting system
- Cobudget - collaborative funding and budgeting app
- Goalpost - health intervention social app
- PledgeMe - backend - crowdfunding platform

Kūkupa *- co-founder, CTO, lead developer*   2011 - 2012

Rest home information management system. Developed an application that managed patient information, incident reports, and staff training. Business and customer development.

VoucherMate *- co-founder, CTO, lead developer*   2006 - 2011

New Zealand's first online discount website, and first to send coupons to phones. Major partnership with MediaWorks. Exited with an acquisition.

- Led UX design, technical architecture, and application development.
- Wrote a custom issue tracker and developed QA system.
- Built technical and call centre teams and led staff training.
- Sales, client account management, investor relations.

Otago District Health Board *- IT systems support*   2004 - 2006

General technical support for medical staff, networking, hardware, software, training. Gained skills in time management, customer service, and empathy for users.

EDUCATION

Otago University *- Computer Science (incomplete)*   2001 - 2004