

# Chris Brocklesby

Senior Technology Leader | Software Engineering Leader  
Systems Architect | AI & Automation Specialist

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## Professional Profile

Senior technology leader and hands-on software engineering specialist with 25+ years of experience across technology strategy, software development, systems architecture, cloud infrastructure, ERP platforms, AI automation, and digital transformation.

Combines executive-level leadership with practical engineering depth across architecture, backend development, integrations, infrastructure, databases, APIs, operational systems, and business-critical platforms. Experienced across manufacturing, SaaS, medical technology, and global enterprise environments, with a strong track record of modernising platforms, reducing complexity, improving reliability, and delivering technology that supports operational and commercial growth.

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## Leadership & Technical Impact

- Senior technology leadership experience across manufacturing, SaaS, medical technology, and international enterprise environments.
- Led software development, infrastructure, systems administration, business systems, project delivery, and vendor management functions.
- Delivered ERP, cloud, integration, automation, and operational technology platforms supporting business-critical workflows.
- Designed and developed internal and customer-facing applications used across manufacturing, retail, logistics, sales, finance, and reporting operations.
- Strong hands-on capability across software architecture, backend development, APIs, databases, cloud platforms, AI tools, and automation.

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## Professional Experience

### Head of Technology - Genia - New Zealand (2020 - Present)

Senior leadership role responsible for technology strategy, software development, cloud infrastructure, ERP systems, integrations, AI automation, operational platforms, vendor relationships, and business-critical technology delivery across one of New Zealand's leading timber manufacturers supplying retail, trade, and export markets.

#### Key Contributions:

- Led software development, infrastructure, systems administration, project coordination, and business systems functions.
- Directed technology strategy, architecture, systems planning, and digital transformation initiatives as part of the senior leadership team.

- Delivered ERP and operational systems supporting manufacturing, logistics, finance, sales, reporting, and supply chain workflows.
- Designed, developed, and maintained internal software platforms and customer-facing systems supporting major retail and distribution partners.
- Built integrations between ERP, custom applications, cloud services, databases, APIs, reporting tools, and operational systems.
- Modernised infrastructure and cloud platforms to improve reliability, scalability, maintainability, and cost efficiency.
- Introduced AI and workflow automation initiatives to reduce manual processes and improve business efficiency.
- Provided technical leadership across systems architecture, software engineering, vendor selection, platform design, and project delivery.

### **Software Engineer - SwipedOn - New Zealand (2019 - 2020)**

Software engineering role within a fast-growing SaaS company delivering visitor management and workplace technology platforms used internationally. Worked across backend development, identity synchronisation, cloud services, APIs, infrastructure integrations, and automation workflows.

#### **Key Contributions:**

- Developed Windows and cloud-based identity synchronisation platforms integrating Microsoft Active Directory and Azure Active Directory.
- Built serverless cloud integrations using AWS services and modern automation workflows.
- Contributed to backend systems, API integrations, platform engineering, and cloud infrastructure improvements.

### **Group ICT Manager - Energist Medical Group - Wales, UK (2016 - 2019)**

Led global ICT operations for an international medical technology manufacturer, responsible for enterprise systems, infrastructure, software solutions, technical projects, security, business systems, and global operational technology support.

#### **Key Contributions:**

- Managed global ICT operations across multiple international locations.
- Led infrastructure transitions, systems engineering projects, and enterprise technology improvements.
- Worked with senior leadership to align technology capability with operational growth and business requirements.

### **ICT Manager - Chromogenex Technologies Ltd - Wales, UK / USA (2003 - 2016)**

Technology leadership role within an international manufacturer of advanced medical and cosmetic laser technology systems, responsible for infrastructure, software systems, systems engineering, internal development, and technology project delivery across UK and US operations.

#### **Key Contributions:**

- Managed enterprise infrastructure, software platforms, systems engineering, and international technical operations.
- Delivered internal software solutions, business systems, and infrastructure projects supporting operational teams.
- Retained during acquisition by Energist Medical Group due to technical leadership, systems knowledge, and operational continuity.

## Earlier Career (1997 - 2003)

Held systems engineering, ICT management, web development, technology consulting, infrastructure support, IT component sales, and commercial technology roles across pharmaceutical, consulting, web, and technology sales environments.

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## Core Capability & Technology Stack

### Technology Leadership

Technology Strategy, Engineering Leadership, Team Management, Technical Roadmaps, Stakeholder Management, Vendor Management, Risk Management, Business Continuity, Project Delivery, Digital Transformation

### Software Engineering

Go, JavaScript, TypeScript, Python, Swift, SQL, REST APIs, GraphQL, Backend Development, Full-Stack Development, SaaS Platforms, Internal Tools, React, Vue, Svelte, Customer-Facing Applications

### Systems & Solutions Architecture

Systems Architecture, Solution Design, Cloud Architecture, Platform Engineering, Integration Architecture, API Design, ERP Integrations, Data Flows, Scalable Systems, Operational Systems

### Cloud, Infrastructure & DevOps

AWS, Azure, Google Cloud Platform, Cloudflare, Fly.io, DigitalOcean, Vultr, Deno Deploy, Linux, Windows Server, GitHub, Infrastructure Modernisation, Deployment Automation, Reliability, Security

### Enterprise, Manufacturing & Data

NetSuite, ERP Systems, Sage, Manufacturing Systems, Operational Reporting, PostgreSQL, MySQL, SQLite, Redis, MongoDB, Microsoft 365, Google Workspace, Process Improvement

### AI & Automation

OpenAI APIs, ChatGPT, Claude, Gemini, Copilot, Cloudflare AI, AI Integrations, Workflow Automation, Business Process Automation, Internal Productivity Tools

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## Education & Professional Development

BTEC & GNVQ - Advanced Computing | City & Guilds - Information Technology & Advanced Networking | Cisco Networking Security | Microsoft Systems Security | Leadership & Management Training | iOS Mobile Application Development | Google Cloud | AWS | Art and Design | Photography

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## Additional Information

Full clean driver licence. References available upon request.  
[chrisbrocklesby.com/references.pdf](https://chrisbrocklesby.com/references.pdf)