COLIN YATES

FOUND AT THE INTERSECTION OF TECHNICAL EXCELLENCE, PEOPLE, AND REAL-WORLD CONSTRAINTS.

OBJECTIVE
To build the right team, the right software, the right way

SKILLS & ABILITIES
Software Engineering, Theory of Constraints, Team building, Architecture, Design, Implementation, Domain Modelling, Mentoring, Published Author

IDEAL JOB
Hands on technical engineer mentoring, designing, and building software and teams. Vim, not PowerPoint.

VITALS

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SKILLS

DOMAIN + CONSULTING
Theory of Constraints, Process modelling, Architecture, Domain Driven Design, Agile, CQRS, Event Sourcing, Pragmatic Testing, Team Lead, OOP, FP

PROGRAMMING LANGUAGES + TOOLS
Rust, Java, Scala, Clojure/Script, Nim, TypeScript, JavaScript, React, SolidJS, Leptos, HTML, (S)CSS, ReasonML, ReScript, Nix, Doors DXL, GitLab CI, Concourse, Fly, Drone

EXPERIENCE

QFI CONSULTING LLP/NORDIC HEALTHCARE GROUP
2008 – CURRENT: *PRINCIPAL ENGINEER + TEAM LEAD*
Significantly improved patient care in Healthcare across the world through the creation of a Theory of Constraints based front line platform and custom time-based analytical engine.

INFOR
2008: *PRINCIPAL ENGINEER AND TEAM LEAD*
Upskilled a team through hands-on mentoring designing and delivering a license auditing tool for a disparate set of enterprise systems.

SPRINGSOURCE (FORMERLY INTERFACE21)
2006 – 2008: *CONSULTANT*
Designed and delivered several training workshops, including the flagship 4 day "Spring Framework" workshop. Performed regular Software Engineering Health Checks for several clients.

UNIVERSITY OF WARWICK
2005 – 2006: *CONTRACTOR*
Replaced their suite of J2EE legacy tools used to run their main web site, and various internal tools with a state of the art Spring, Hibernate, and FreeMarker solution.

ASTRAZENECA
2004 – 2005: *SENIOR ENGINEER*
Improved software engineering capability through the introduction of modern Agile processes and tooling. Redeveloped a core tool used in comparing laboratory results,

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which resulted in a significant saving in re-using existing experiment results.

OBJECTIVITY
2003 – 2004: *SENIOR DEVELOPER (CONTRACTOR)*
Outsourced to work with the University of Warwick (became permanent in 2005-2006).

DATA SYSTEMS & SOLUTIONS
2001 – 2003: *SENIOR SYSTEMS ENGINEER*
Significantly improved the process of asset management for the Highways Agency through the consolidation of manual, paper-based processes into a single website.

CHALLENGE COMPUTERS
2000 – 2001: *DEVELOPMENT TEAM LEADER*
Recruited and trained a 5-person development that designed and delivered a Cargo Management system.

QUALITY SYSTEMS AND SOLUTIONS
1998 – 2000: *LEAD INNOVATION DEVELOPER*
Simplified complex requirements tools for the MOD through the design and delivery of a Tender Assessment Tool built on DOORs + DXL. Lead developer for the ESPRIT funded SACHER project for improving and quantifying impact analyses.

EDUCATION

BSC (HONS) SOFTWARE ENGINEERING (1993-1997)

MSC (HONS) THEORY OF CONSTRAINTS - HEALTH CARE MANAGEMENT (PARTIALLY COMPLETED)

AUTHOR

In progress: "From Programmer to Software Engineer".

Co-author: "Pro Spring MVC: With Web Flow (2012)".

Co-author: "Expert Spring MVC and Web Flow (2005)"

Technical reviewer (informal) for several books from PragProg.