

Seasoned Leader for Digital Transformation • Coralville, IA 52241 • 616.901.6293 • dwolt@tincat-group.com

## Professional Experience

### TINCAT GROUP, INC, CORALVILLE, IA 2002 - PRESENT

#### President

*Passionately innovating and advancing two sectors: the application software industry and higher education, given the transforming nature of digital resources and the fast pace of change.*

#### Tincat Group Management Consulting for Digital Transformation

- Helping software companies and IT departments, product and marketing teams, and end-customers flourish by listening, analyzing, designing, deploying, and communicating for results.
- Assisting organizations and professionals in reaching goals by providing credible insight and analysis, addressing pain points and opportunities with a strategic, creative, result-oriented skillset.
- Guiding customers toward information systems, business intelligence, and data governance effectiveness.
- Identifying and keeping the top-level goals in mind while facilitating projects large and small, using agile methods, whether SCRUM or aligning with customer practices.
- Assisting companies in choosing and working with partners.
- Preparing and delivering webinars, presentations, videos, social media posts, and trade show presence.
- Participating in a broad variety of professional activities, from project management to user experience testing; from preparing Statements of Work to executing them; from managing marketing campaigns to closing sales; from deploying Customer Relationship Management software to using the CRM; from enterprise data modeling to management training seminars.
- Specifying the developer's stack and toolsets for web applications, including languages, databases, and tool selection, and facilitating related Proof-of-Concept projects.
- Addressing many of the marketing "P's," including Product, Place, Promotion, Price, People, Packaging, and Positioning, while designing and managing in-bound marketing and product onboarding strategies.
- Facilitating communication and assisting with a "whatever it takes" and energetic attitude toward organizational success and customer/user satisfaction.

#### Tincat Group Internal Initiatives

- Is Codd Dead? This initiative (2002 - 2007) was a well-researched and audacious project with related blog to nudge the industry to address deficiencies in Relational Theory and SQL and move beyond first normal form.
- SnupNow. Tincat Group as Managing Partner, bootstrapping this start-up. Envisioning, designing, assembling an angel-developer team, and developing web-based software-as-a-service for sign-ups: registrations, appointments, and related transcripts. After six alpha delivery tests, including full e-commerce support using Amazon Marketplace APIs, dissolved this US LLC when moving to Canada.
- GreenJAM. This current initiative is evaluating technology and data trends for organizations with existing enterprise applications, including web and progressive web apps for mobile in combination with middleware and existing back-ends. It includes educating seasoned developers and organizations for digital transformation.

#### Also served in temporary or part-time employment capacities during Tincat Group years Co-President of the Institute for Christian Studies, Toronto, ON

- Moved organization with a projected end date toward a sustainable future, including all aspects of challenging budget adjustments to extend the life of the school.
- Collaborated with a related school in Costa Rica that resulted in a 10% increase in student enrollment.

#### Associate Professor, Math & Computer Science, Dordt University, Sioux Center IA

- Taught a variety of software engineering courses, including Databases, Object-oriented Programming with Java; Information Systems Analysis & Design; Decision Support Systems; Web Applications with JavaScript, HTML, and CSS; and facilitated a Design Patterns Seminar. Developed Web Development minor.

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**ELLUCIAN, FORMERLY DATATEL, FAIRFAX, VA 1996 – 2002**

## **Director, Software Development**

- Provided leadership for software development projects related to business intelligence solutions for higher education.
- Participated in the development of database-independent reporting strategies, including Executive Information Systems, On-line Analytical Processing, Query and Report, Data Marts, and Ad Hoc reporting. This included communicating, partnering, and attaining credibility with vendors, contractors and beta test clients, as well as serving as primary contact internally regarding Datatel's reporting strategy.

**CALVIN UNIVERSITY, GRAND RAPIDS, MI 1988 – 1996**

## **Director of Computer Services**

- Directed IT areas of information systems, instructional computing, campus labs, technical support, network operations, telecommunications, and desktop systems. Managed team of twenty-three Information Technology professionals plus more than thirty student employees, on a campus of four thousand students.
- Planned and administered a multi-million-dollar budget.
- Facilitated large projects to move the institution into a strong position related to information technology along with the introduction of the internet to campus, both technically and culturally.
- Served as Assistant Director for Administrative Computing for the first two years, during which time we selected and implemented Colleague and Benefactor administrative software from Datatel (now Ellucian), as well as, Dynix library software.

**STEELCASE, INC. GRAND RAPIDS, MI 1985 – 1988**

## **Systems Analyst/Project Leader, Major Projects**

- Led project team developing software for special quotation pricing, deployed it throughout regional sales offices and corporate headquarters.
- Led projects for software development methodology and developer workbench while also participating on the project management tool selection project. Worked with consultants and team members to deploy industry best practices including CASE tools and quality procedures for programmer productivity.

**CALVIN UNIVERSITY, GRAND RAPIDS, MI 1979; 1980 – 1982; 1984 – 1985**

## **Instructor of Mathematics and Computer Science**

- Taught Mathematics and Computer Science courses. Wrote text for COBOL course.

**UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, NC 1982 – 1984**

## **Analyst/Programmer**

- Customized and deployed Information Associates financial systems for the University as part of a team.
- Designed and developed an end-user reporting strategy adopted by the vendor.
- Served as the lead developer for new software for UNC Public Television.

## **Education**

**MICHIGAN STATE UNIVERSITY EAST LANSING, MI**

## **Master of Science in Mathematics**

- Converted administrative systems from Honeywell to Prime at Calvin College during the summer.

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**CALVIN UNIVERSITY, FORMERLY CALVIN COLLEGE, GRAND RAPIDS, MI**

## **Bachelor of Arts, Major in Mathematics**

- Worked part-time & summers at Elston-Richards Storage to write a full financial suite of applications, including General Ledger, Accounts Payable, Accounts Receivable, and Payroll modules.

## **Sampling of Affiliations, Community Service, and Presentations**

- Served on the Board of Trustees, including as Chair, for GrandNet, a “non-profit organization serving the West Michigan community with leadership in information and communication technologies.”
- Served on the Datatel User Group Board of Directors, including as Chair and Conference Chair. Served on the Colleague User Group Tech Board.
- Chair of Democratic Caucus for three precincts, Sioux Center, IA.
- ACM, IEEE, prior membership. Previously a voting member of CAUSE (now EDUCAUSE).
- Prior volunteer work with young people includes Tech sHeros for Junior High girls and Assistant coach, FIRST LEGO League.
- Judge and Judging panel facilitator for a \$10,000 International MultiValue Ideas Contest related to the MultiValue (NoSQL) data model, Spring 2019.
- Delivered more than thirty presentations at more than six professional conferences, including one on web-based registration in 1993 – the very year that Mosaic was introduced.
- Developed two blogs, more than thirty instructional videos, infographics, web sites, and posters, including the MultiValue Family Tree poster, now on walls in offices around the world.
- Most recently presented “MultiValue and the Rise of Multi-model Databases: Oh CRUD, Never Leap a Chasm in Two Bounds.”