



# Dan Ports

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## Lead Software Engineer Consultant

- Broad background in software engineering, IT, product strategy, business, management, and finance.
- Deep full-stack development experience and familiarity with a range of architectures and platforms.
- Long-time agile practitioner with a passion for best practices and creative problem solving, and extensive Test Driven Development experience.

## Skills

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- **Strategy:** Developing product roadmaps based on business goals, reducing technical risk by building exploratory spikes and estimating time costs.
- **Management:** Building healthy and high-performing co-located and distributed teams of developers and designers based on the values of quality, agility, and co-creation, leading by example.
- **Architecture:** Creating and evolving architectures for web, mobile, desktop, and backend apps on different platforms (.NET, Java, PHP) using patterns like SOLID, DDD, ORM, DI, MVC, SPA, composite UI, and messaging.
- **Process:** Planning and executing agile iterations; setting up infrastructure for Test Driven Development; coaching and sharing knowledge through pair programming, code reviews, and team retrospectives.
- **Delivery:** Setting up development pipelines with continuous integration and deployment DevOps tools; setting up, automating, scaling up, and evolving staging and production environments.

## Experience

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### **CodeWithin**, Glen Oaks, NY

*Owner, January 2017 – present*

- Built, deployed, and managed gift card arbitrage platform for a small team, including a web interface, Android app, Chrome extension, and API integrations with an external marketplace and suppliers.
- Increased team's sales volume by 50% by automating routine data processing tasks.

### **New Life Fellowship Church**, Elmhurst, NY

*Director of Administration, February 2016 – present*

#### **Management**

- Oversaw a team of 15 managing the administration (communications, events, financial operations, office, building maintenance, and technology) for a church with an average weekly attendance of 1,250.
- Built organization-wide KPI dashboard, drafted five year financial plan, and simplified the budget structure to guide the implementation of the church's ten year strategic plan.
- Spearheaded with senior leadership development of a set of leadership values; implemented these in the administration team, utilizing agile tools to create a culture of shared ownership and co-creation.
- Created greater alignment and defused tensions between the pastoral and administration teams; coached a few team members to the point where others commented they were totally different people.

#### **IT**

- Spearheaded with other staff the implementation of a new church management system; recruited and organized a volunteer team to launch the new system to the church, with 300+ users signing in over the first two months after the launch.
- Implemented cost reductions that cut the IT operations budget by \$14K annually, and introduced accounting software to decentralize printing costs and provide more accurate financial reporting.
- Oversaw the development and launch of a well-received new brand and website ([newlife.nyc](http://newlife.nyc)); migrated web infrastructure serving 4,000+ users/month to Azure.
- Designed, developed, and deployed a website documenting the services provided by the administration team, resulting in greater clarity about staff roles and operational procedures.

### **Intrigma Inc.,** New York, NY

*Vice President of Technology, September 2006 – August 2016*

- Built and managed co-located and distributed teams of up to 7 software developers and designers creating the company's flagship product, Intrigma Scheduler, with one customer calling it "the Cadillac of scheduling systems."
- Implemented agile project management practices and established high technical standards, including Test Driven Development (with a suite of 20,000+ unit and integration tests) and continuous deployment; several team members cited the team as the best and most professional on which they had worked and later went on to work at Google, Amazon, Microsoft, and other top-tier tech companies.
- Set up, maintained, and evolved IT infrastructure responsible for serving 13,000+ users/month with availability of over 99.97% (fewer than two hours of unplanned downtime per year).
- Met with key clients to analyze their scheduling practices and improve efficiency, typically reducing the administrative time required to create schedules by 50 – 75%.
- Managed company budget and credit lines, overseeing Accounts Receivable staff and producing monthly cash flow projections and reports for the CEO.

### **Lourdes Industries Inc., Management Information Systems,** Hauppauge, NY

*Enterprise Application Developer, June 2006 – December 2006*

- Redesigned and implemented user provisioning system, improving usability and significantly increasing system responsiveness.
- Migrated large ERP application to newer technologies, simplifying code base, shortening development cycle, and improving application performance by a factor of ten.

### **Pfizer Inc., Veterinary Medicine Regulatory Affairs,** Kalamazoo, MI

*Technical Assistant, May 2002 – January 2004*

- Took initiative in identifying the need for and developing a flexible reporting tool to summarize adverse product experience data, reducing the time required to create reports by over 90%.
- Created and deployed online training and certification program for reporting of adverse experiences.

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## **Education**

### **B.S., Computer Science and Mathematics, Summa Cum Laude (GPA: 3.98)**

Stony Brook University, Stony Brook, NY; May 2005

National Merit Scholarship; National AP Scholar; Presidential Recognition Scholarship

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## **Open Source**

### **Cassia:** .NET binding for the native Windows Remote Desktop Services API

- Developed, released, and maintained the library, establishing it as the premier .NET Remote Desktop Services library, with over 15,000 downloads to date on NuGet.
- Supported users with Remote Desktop Services API questions on various forums; listed in the top 1% of answerers for the remote-desktop tag on Stack Overflow.

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## **Volunteering**

### **New Life Fellowship Church,** Elmhurst, NY

*Community Life Resident, July 2014 – January 2016*

- Created all-new leadership development curriculum and taught several classes at New Life and another church, with over 90% of the attendees of the latest class indicating that they felt substantially ready to launch out into leadership after the class.
- Established and led an addiction recovery ministry with a team of 5 – 7 leaders using the Pure Desire and Genesis Process curricula.

### **InterVarsity Christian Fellowship,** New York/New Jersey

*Big Event Work Crew Director, October 2011 – October 2013*

- Directed volunteer crews of roughly 50 people in serving meals to 600 staff and students attending the Big Event, InterVarsity's annual fall retreat for the region, with camp staff remarking that these were among the best volunteer crews they had ever worked with.
- Compiled detailed Work Crew Director's Handbook to pass the torch to the next director while maintaining a high level of service.