

Andrew Clarke

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You need a well-articulated product plan, a properly architected solution, your team led to drama-free success, and a secure product to build on. I have a track record of making this happen.

Skills

- Technically capable and business-focused
- Tactful and experienced team leader, willing to make hard decisions
- Experienced across a wide range of industries
- Full software development lifecycle experience. Will see a project through to success.
- Java/JEE, Amazon AWS, JavaScript, Docker, databases, and so much more.

One of Andrew's unique capabilities is his ability to communicate complex technical scenarios in a simple way to all different types of users.

Andrew has the ability to take complex challenges and break them down into a series of easy to understand solutions... His "solutions" centered approach fosters creativity during early project planning phases and also facilitates quick consensus...

Andrew has mastered the delicate balance that exists between engineering and sales. He is a skilled communicator and collaborator. He is able to push back without being stubborn, and critique without being critical. Always offering alternatives as opposed to mere objections.

(See LinkedIn for attributions)

Experience highlights

Mogiv

- Managing technology from startup through to profitability.
- Leading a development team distributed across two continents.
- Hired team & leveraged our payment processing engine to build a crowdfunding platform.
- Migrated to Amazon AWS: >70% cost savings, increased uptime & geographical redundancy.
- Integrated with multiple payment processors for increased stability, redundancy and profit while processing hundreds of thousands of donations.
- Created successful SMS text-to-give product.
- Keeping security a priority for our customers' financial data.

TELUS Security Solutions

- Provided & managed a team supporting 24x7 uptime to TELUS security products.
- Supported complex PCI-compliant web systems architectures.

Floorshop.com

- Developed Floorshop.com from idea into a successful, high-volume e-commerce site, over six years.
- Scaled successfully from a startup to 8 figures in annual sales without a significant rewrite.
- Managed most technical aspects of the site until it was acquired.

City of Guelph

- Senior technical/web architect for the City of Guelph, ON Canada.
- Developed high availability, geographically redundant web server architecture and implementation plan for the City.
- Provided cost/benefit and risk analyses of in-house (VMware) vs. cloud-based hosting for City sites.

Visa

- Architected & developed Visa's first PCI compliance forms generator.

Bullhive

- Conceptualized, designed & built a product providing processing power to financial markets.
- Used Amazon AWS (EC2 & Route 53) to spin up and down extra CPU cycles on demand.

The Marco Corporation

- Provided senior-level strategic guidance across many aspects of IT.
- Architected & developed improved software development lifecycle.
- Provided recommendations on hardware, software, network redundancy, and software design & development.
- Security audit of web systems.
- Trained staff on object oriented development, 3-tier systems, and other subjects,
- Identified an opportunity and used an open source application server stack to save tens of thousands of dollars in license fees.

Igloo Software

- I was brought in to solve a specific uptime issue. I resolved the problem in < 45 minutes and worked with them for another year.
- Kept an outdated, inherited, undocumented web system, relied upon daily by over 100,000 worldwide users, running until we could migrate it to its new owner.

Open source

- ColdFusion's implementation for Amazon's Route 53 DNS provider, highlighted by Amazon.
- Dynamic object-relationship mapping CRUD scaffolding tool for Hibernate and ColdFusion.

Work Experience

2011-Present Director of Engineering (Mogiv) – New Hamburg, ON
2005-2011 E-commerce & database consultant/architect (Nzovu) – New Hamburg, ON
2005 Senior software engineer (Autobyte.com) – Irvine, CA
2001-2005 Internet/database/e-commerce consultant (clarke.ca inc.) – San Diego, CA
1998-2000 Senior technical developer/architect (StyleLogic/FirstHost) – San Diego, CA
1996-1998 Web Developer - San Diego, CA

Selected Education

1991 - 1996 **University of Waterloo - Waterloo, Ontario, Canada**
Honours Bachelor of Applied Science in Civil Engineering