

# ANDREW MARCUSE

---

andrew.marcuse.info

andrew.marcuse@gmail.com

---

**Summary** Hands-on software architect and leader with a proven track record of building and delivering innovative and highly scalable systems.

**Technology**

- Java, JavaScript, Python
- SQL, MySQL, Microsoft SQLServer, Postgresql
- HTML, CSS, SVG, PDF
- Amazon Web Services (AWS), Google Cloud, Heroku

**Experience** **VP Technology & Software Architect** 2000 to present  
An Online Tournament Management Provider

Technical co-founder of BlueGolf, the leading provider of technology solutions and applications designed to meet the unique needs of the golf industry. Our customers include prestigious organizations such as PGA of America, the PGA of Great Britain and Ireland, Wisconsin State Golf Association, and Indiana Golf and boast more than 1 million end users of our software.

- **Software Engineering:** Designed and wrote the initial system and managed its evolution to meet 15 years of growth and challenges without interruption. Employed best-in-class methodologies to manage the holistic software development lifecycle.
- **Software Architecture:** Led IT infrastructure architecture strategy and development that positioned the company for global expansion and market leadership by creating a technical vision and roadmap aligned to that of the business.
- **Mobile:** Developed mobile applications for players and event managers on iOS and Android platforms, leveraging the same backend infrastructure as the website.
- **Cloud:** Migrated from self-hosted in our office to collocation and then to Amazon Web Services seamlessly without downtime.
- **Payment Processing:** Expanded online payment support to include marketplace fees, coupons, tokenization and PCI compliance through multiple payment gateways in 5 different currencies. Automated billing system via ACH and credit cards.

- **Scalability:** Built a high performance backend in order to support flash crowds where an event sells out in a few seconds and handle hundreds of thousands of transactions a year. Managed infrastructure with 24x7 uptime and customers around the globe.
- **User Interface:** developed web and mobile front-ends to handle all aspects of running an event, from handling registrations and payments, to managing the players and scores, to awarding points and prizes.
- **Vendor / Tool Analysis:** Led the evaluation of software vendors targeted for integration into existing systems and environment, including strategic applications, tools and utilities.
- **Leadership:** Recruited and nurtured an effective, agile team of developers to meet the needs of an expanding client base.

### **Director of Systems Architecture**

1997 to 2000

Ceridian HR/Payroll Systems

Led the development of the Ceridian Source 500 product, including the integration of the existing FLX Visual HR product with a completely new payroll engine that used the Ceridian Signature payroll back-end.

Enabled multi-lingual and multi-national support. This support used the built-in customization capabilities and did not require changes to the core system.

Designed and developed a web self-service interface to the HR system.

Developed a KnowledgeBase to support the distributed development and QA teams. Access was later expanded to include support, professional services and eventually clients.

### **Senior Developer**

1989 to 1997

Ceridian (FLX Corporation)

Served as technical point person during acquisition of FLX by Ceridian. Oversaw a comprehensive two week performance and functionality review during due diligence.

### **Education**

BA Physics, Concentration in Computational Science  
Haverford College

Fluent in French: Lycée International de Saint-Germain-en-Laye