

Andrew Koski

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PRODUCT DESIGN ENGINEER

WITH A PROVEN TRACK RECORD AND YEARS OF PERFECTED RESULTS.

A LARGE EMPHASIS WITHIN TECHNICAL DESIGN, BUSINESS DEVELOPMENT AND STRATEGIC MANAGEMENT.

AREAS OF EXPERTISE

- 3D Printing (MakerBot, RepRap)
- Rapid Prototyping (AutoCAD, Blender)
- Database Design (MariaDB, MySQL)
- Website Design (Magento, WordPress)
- Visual Design (Wireframing, UI Design)
- Smartphone Application Development (Android, BlackBerry, iPhone)
- Patent Law (Design, Utility)
- Sociotechnical Systems Design
- Single Board, IoT and FPGA Computing
- Embedded OS Technology (Android, Debian, Windows Embedded)
- API Integration (Linux, Windows)
- Cloud Computing (AWS, Azure, GCP)
- Virtual Environments (Hyper-V, VMware)
- UL Intrinsic and Functional Safety
- Client and Server Performance Optimization
- Networking (Configuring, Validation)
- Internet Marketing and Content Generation
- Social Network Integration and Management
- Technical Writing (Manuals, Specs, etc.)

CERTIFICATIONS / SOFTWARE

- A+ Certification (220-801), DCSE Client Certification (Dell Certified Systems Expert), HP Service Contract Specialist (ASC), HubSpot Inbound Marketing Certification, Microsoft Office Specialist Certification (MOS), Sarbanes-Oxley Certification
- Adobe Creative Suite (CS5.5, Creative Cloud) (Acrobat, Dreamweaver, Illustrator, Photoshop, Premiere), Autodesk Software (123D, AutoCAD), Axure RP (6, 7), Linux (CentOS, Debian, Ubuntu), Microsoft Windows Embedded, Microsoft Windows Server (2012, 2016), Symantec Software (Backup Exec, Endpoint, Ghost, Protection, pcAnywhere), VMware (ESXi, vCenter, vCloud, vSphere, Workstation)

WORK HISTORY

- **Product Design Engineer, Empline Corporation, Chicago, IL, 2014 – Present**
 - Created and launched the front-end of the Empline Corporation such as the website, social networking, etc.
 - Streamlined an innovation portal which determines the chances of a product's success via a modified SWAT analysis, various market studies and an in-depth analytical analysis (based on current and future product demand.)
 - Designed, patented and 3D printed multiple prototypes, managed the electronic integration and design.
 - Presented and performed high-level talks with many Fortune 500 companies, most of which are still underway.
 - Worked with multiple universities in the development on a next-generation beverage disbursement system.
 - Performed dozens of presentations to the decision makers within large corporations such as Apple and Google.
- **Senior Project Manager, Electronic Data Systems, Orlando, FL, 2013 – 2014**
 - Managed the creation of a many new applications with outsourcing based in India.
 - Acquired additional clients, represented as the face for the organization, completed client transitioning.
 - Streamlined dozens of time-consuming processes to create ease of use for technicians and designers.
 - Deployed numerous virtual environments and cloud based environments via AWS and the Google Cloud Hosting.
 - Implemented a next generation asset tracking system using RFID technology and proprietary web-based software.
- **Engineering Czar, Altogether Home, Orlando, FL, 2011 – 2013**
 - Administered and oversaw all technical-based platforms such as servers, e-mail, and web based platforms.
 - Maintained and further developed a Magento-based ecommerce site with full integration to shopping platforms.
 - Fully broke down user processes via in-depth analytics, heat maps, and session replays to increase visitor time.
- **Regional Lead Field Service Engineer, JP Morgan Chase, Chicago, IL, 2007 – 2011**
 - Interfaced with developers to correct hardware and software problems with banking software.
 - At times helped out computer technicians to keep up with demand. (Reloads, Migrations, Backups, etc.)
 - Reconfigured high security corporate banking hardware and software.

EDUCATION

- Honenegah Community High School, Rockton, IL High School Diploma, 2008
- Rock Valley College, Rockford, IL Associates in Business, 2011 (Fragmentary)