CHRISTIAN KLEIN

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Experienced and innovative Software Engineer with 20 years of experience restructuring systems and architecting programs to streamline processes and solve organizational inefficiencies. Specialization in implementing Agile/Scrum/DevOps tools & methodology to efficiently manage the full software development lifecycle, from concept through delivery. Accomplished entrepreneur with a capacity to scale and effectively manage products, teams, and processes.

Areas of Expertise

Strong Coding Methodologies • Agile/Scrum Methodologies • Data Management • System Administration • Fluent in C & C++ • Engineering Flow Diagrams • Test Plan Writing and Execution • Performance & Scalability • Network Infrastructure • Cloud Computing • Project & Program Management

SOFTWARE ENGINEERING • HIGHLIGHTED PROFESSIONAL EXPERIENCE

Mobile Marketing Solutions, *Christopside, UT (June 2012 – Present)*

Software Engineer

International company with a B2B sales growth platform. Team of 30 with an 80% YoY growth, including expansion in the volume of data, revenue, and team size. Responsible for writing the core Android, iOS, and Windows product for the client-facing software, which allows clients to effectively acquire and cultivate leads.

Key Initiative: Initiated the transition of mobile applications; migrating from a hybrid systems software (Apache Cordova) to native applications (Android and iOS) with a web view for the bulk of the user interface.

- Drafted the software roadmap to a pure native application including the user interface
- Implemented lasting architecture to sustain decades of product management, including build/test/release cycle
- Transitioned all source code to a source control revision system, Git
- Acted as project team lead to migrate the old web application platform into the new build system
- Developed JavaScript and PHP coding standards; documented and guided team on proper implementation
- Achieved the most comprehensive certification for the company's systems security protocol, SOC 2 Type I
- Relocated multiple Linux servers from traditional hardware to the Cloud with almost zero downtime
- Built and provided mentorship for the product team; assisting with hiring and managing workflow for developers

Digital Media & Design, *Christopside, UT (December 2000 – June 2012)*

President, Lead Developer & Lead System Admin

Scaled from one home computer and one client's website – to self-maintained servers, over 1000 websites, and 10 employees. **Notable clients:** Central Utah Association of Realtors, Database for the Organization of Realtors (exclusive vendor for their data), National Association of the Remodeling Industry, and Mobile Marketing Solutions. eCommerce related industries spanned Medical, Marketing, Sales, and Real Estate. Acted as a Lead Developer and sole Account Manager.

- Designed internal frameworks that allowed quick construction and easy maintenance of sites and routine database, authentication and session tasks; built first in ColdFusion and later in PHP
- Designed the content management system which allowed users to manage freeform content and structured data
- Trained all new developers, eventually providing overall technical leadership and managing all 10 employees
- Liaised with clients and adhered to desired specifications, translating into technical solution roadmaps and executing
- Redefined a revenue-generating business model, escalating website development services into becoming client's host

EDUCATIONAL QUALIFICATIONS

UTAH STATE UNIVERSITY, *Christopside, Utah, (1994 – 1998)*
(Incomplete) Studied Bachelor of Science in Computer Science

TECHNICAL CERTIFICATIONS/ COURSEWORK

System Administration & Platforms: Windows, Linux, Sendmail, Dovecot, Named, Cisco IOS, Solaris, RedHat | **DevOps Tools:** Git | **Mobile & Application Development:** Apache Cordova, Android, iOS | **Software Development Languages**: C, C++, C#, ColdFusion, PHP, Java, JavaScript, HTML, CSS, SQL/MySQL | **Cloud Computing:** Rackspace, Google Cloud, Amazon Web Services (AWS)