

LARRY A. WILLIAMSON

SENIOR FULL-STACK DEVELOPER / CREATIVE TECHNOLOGIST

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SENIOR FULL-STACK CREATIVE TECHNOLOGIST / OWNER

2001 – CURRENT

FREELANCE / HERETIC /
TASTE STUDIO

Since 2001, as a freelance contractor and through my own businesses, I've served my clients as project manager, full-stack engineer, and system administrator, while also offering a wide range of remote and on-premise support and solutions.

Projects have included custom software, mobile apps, browser extensions, interactive displays, website development, SPAs, SaaS development, UX/UI consultation, business workflow optimization/automation, SEO optimization, user generated content campaigns, web3 connected applications/bots, telemetry/monitoring and content delivery systems, machine learning/self-optimizing computer vision systems, and much more.

Management services have included general IT and networks (routers, switches, wireless), VOIP systems, cloud services, on-premise servers, and security/camera systems.

FEATURED PROJECTS

DAEMONITOR: MONITORING SYSTEM
SaaS / SPA / PERSONAL / 2022

MARKETMOVE BOTS
WEB3 BOTS / MARKETMOVE / 2022

KOINTEL BSC WALLET TRACKER
WEB3 SPA / PERSONAL / 2021

PRINCIPAL FULL-STACK ENGINEER, DIRECTOR OF I.T. AND INTERACTIVE

2011 – 2021

BARKER + CONSOLIDATED
CONTENT COMPANY

Ideated, designed, developed, and implemented multiple interactive solutions, including multiple qualification/eligibility quizzes as well as real-time PDF generation, digital signing integration, UGC portals, microsites, landing pages, SPAs, and digital out-of-home experiences. Provided remote, cloud, and on-premise technical support, engineering, and custom software development. Was in charge of hosting, maintenance, monitoring, SEO and performance optimization.

Engineered and maintained performance-optimized AWS hosting solutions for high-traffic websites. Clients included Bausch and Lomb, Procter and Gamble, NYU, ION Television, PDI Healthcare, Roche Bobois, Miele, IDB Bank, and SlimFast.

FEATURED PROJECTS

WEBSITE / CONTRACTOR
DIRECTORY
WORDPRESS WEBSITE / CCAMETRO / 2017

IDBSTORIES.COM
WEBSITE / IDB / 2016

SLIMFAST.COM
WEBSITE / SLIMFAST / 2015

PRINCIPAL FULL-STACK ENGINEER / SOLUTIONS ARCHITECT / I.T. DIRECTOR

2006 – 2010

MONSTER MEDIA

Created numerous interactive advertisements using Flash, WPF, OpenCV, and custom algorithms. Clients included JC Decaux, National CineMedia, MTV, YouTube, Kraft, Target, Disney, TravelZoo, MetroPCS and more.

Architected a content delivery system utilizing the BitTorrent protocol, including a management interface that is used to create and assign content packages to remote systems.

Designed and developed a complete systems monitoring back-end to provide information and status updates nearly real-time, including projector and system status monitoring. Created live web interface for all systems on a single page. Server components were written in C#, Ruby, PHP, MySQL, and Apache. A lightweight network protocol was used to ensure communication across even problematic wireless connections.

FEATURED PROJECTS

SMILING NOODLE
INTERACTIVE CAMPAIGN / KRAFT / 2010

PHOTO / VIDEO KIOSK
INTERACTIVE INSTALLATION / DISNEY /
2009

WPF MULTI-EXPERIENCE LOADER
KIOSK APPLICATION / MONSTERMEDIA /
2009

SENIOR SOFTWARE ARCHITECT, DESIGNER, FIELD ENGINEER AND NETWORK ADMINISTRATOR

2001 – 2006

FREEDOM4WIRELESS

Designed and developed software suite that dynamically updates user lists and enables communication between various devices within wireless networks without reliance on a centralized server. Various types of communication including text-based messaging, file transfer and audio / video communication are some of the primary features. Developed software which collects video from cameras connected to wireless mesh-networks, using numerous protocols. Software patents for both methodologies (#20070200914 and #20090238096) were granted in 2009.

FEATURED PROJECTS

TACTICA
MESH COMMUNICATION APP / F4W / 2005

VIDEO SURVEILLANCE SYSTEM
DESKTOP APPLICATION / F4W / 2005