

Clifford L Hall

Software Consultant

423-753-4185
cliff@futurescale.com
futurescale.com ~ cliffordhall.com
github.com/cliffhall ~ linkedin.com/in/cliff
3 Maple Ridge Court, Jonesborough, TN, 37659

SUMMARY

Senior software architect focused on HTML5-based single page apps and mobile-first design.

I enjoy working in an agile development environment with continuous integration, and have extensive experience working remotely on teams distributed across different time zones. My services can be delivered on-site when expenses are covered.

CURRENT SKILLS

Programming Languages

JavaScript (ES6/7)

Web Development Frameworks

Angular 1.x, PureMVC, SCSS, Bootstrap, Material Design, Node.js, Three.js, Chart.js, Socket.io, etc.

Repositories, Databases, and Cloud

Git, SVN, Perforce, MySQL, Firebase, AWS, GCP

Frequently Used Tools

Gulp, Jasmine, NPM, Babel, ESLint, WebStorm

PREVIOUS PROJECTS

Deja:View	dejaview.withyoutube.com
Page Fight	page-fight.net
Matrix	mgstn.ly/1JENE4X
CustomShow	bit.ly/13TrHts
CWCT	bit.ly/ZBHMbc
PureMVC	puremvc.org
ChannelMaster	bit.ly/Zf15CC
ISPAN	bit.ly/10GJiWp
WeightWatchers	bit.ly/Q9c8L

RECOMMENDATIONS

"Cliff stepped into an ongoing, \$7 million effort with over 1500 pages of specifications and requirements and began contributing on day one. He took over development of what had been identified as the program's biggest barrier to on-time delivery, the user interface, and transformed it into a polished, ahead-of-schedule component that our end users were ecstatic for. Customers with a wide base of experience with diverse Common Data Link terminals have said that Cliff's user interface is the best looking, most intuitive interface they have ever used on such a device. I could not recommend Cliff Hall and Futurescale more highly than I do. Futurescale will absolutely deliver superlative results in a timely manner."

— Brian Connell, Project Lead, Avtec Systems

"Cliff is one of the most thorough and detail-oriented developers I've had the pleasure of working with. He asks all the right questions upfront and then just delivers the right product at the right time without requiring any further guidance or oversight. He manages his time really well, doesn't shy away from learning new technologies, and does the work with honesty and diligence. I would recommend Cliff to anyone who wants to build a solid product and has no time for micro management."

— Aman Thind, Executive Director, Electronic Trading & Real-time Analytics, Morgan Stanley

EXPERIENCE

Futurescale, Inc
Owner, Consultant

Jonesborough, TN ~ 2004-Present
JavaScript, ActionScript, Adobe Flex & AIR

Corp-to-corp consulting on the architecture, design, and development of complex applications and user interfaces. Clients can expect clean, maintainable, well-documented code, informed by extensive experience and adherence to industry best practices. Authored the Open Source PureMVC Framework, steered the community since 2006, and wrote the associated O'Reilly technical book.

Drewmedia, Inc DBA Grow

Consultant, Developer

Norfolk, VA ~ Oct 2017-Jan 2018

SCSS, Material Design, Angular, Firebase, Node.js
Added sitewide animation and other features to YouTube's social web game Deja:View.

On // Off Art, LLC

Partner, Architect, Developer

New Orleans, LA ~ Mar 2017-Present

Angular 1.x, Angular Material, Firebase, Node.js
Startup of Culturalyst, a web application for bringing together artists and patrons.

Infinite Everything, LLC

Partner, Architect, Developer

Seattle, WA ~ Jun 2016-Present

PureMVC, Three.js, Angular Material, Firebase, Node.js
Startup of Sinewav3, a web-based 3D visualizer for the production of music videos.

Creativity Hacker Press

Partner, Architect, Developer

Saskatchewan, Canada ~ Jan 2016-Present

Angular 1.x, Bootstrap, Firebase, Node.js
Startup of Page Fight, a web app that gamifies actionable feedback for book marketing.

Morgan Stanley

Consultant, Core Team Lead Developer

New York, NY ~ May 2013-Nov 2015

ActionScript, Flex, Javascript, Angular 1.x
Flex to HTML5 migration of Matrix, a modular financial trading and analysis application.

Sales Graphics

Consultant, Architect, Developer

New York, NY ~ Jul 2010-Apr 2013

PureMVC, ActionScript, Flex, AIR
Creation of CustomShow, a multimedia enterprise iOS presentation application.

More Satisfied Clients and Agencies

2004-2010

Adobe Systems, Assurant / Reclfin, Avtec Systems / RT Logic, Effective UI, Cisco Systems, CoreLogic / Dorado, JITC, The Jockey Club, J. P. Morgan Chase, Harley Davidson, Lockheed Martin, ManyOne Networks, NYK Logistics, State Street Bank, Reputation.com, Universal Mind, US Strategic Command, Verizon Wireless, Weight Watchers International

Register.com, Inc

Senior Developer, Tech Lead

New York, NY ~ 2001-2004

Java, J2EE, EJB, Perl, JBoss, Tomcat, Red Hat Linux

About.com

Application Developer

New York, NY ~ 1999-2001

Perl, Oracle, MySQL, SQL Server, BSD UNIX

Prodigy Communications

Developer, Y2K Test Team Lead

White Plains, NY ~ 1998-1999

C++, Mercury WinRunner, LoadRunner

Cimtek Medical Company

CTO, Software Architect

Johnson City, TN ~ 1997-1998

Visual Basic, Quark, IIS, NT Server

Zfx / Zeta Image

Animator, Developer, Webmaster

Kingsport, TN ~ 1994-1997

Perl, Prisms, Houdini, SGI IRIX, Novell UnixWare

Bridge Computer Systems

Programmer, Analyst

Gray, TN ~ 1989-1994

Oracle, RISC OS, SCO UNIX, UniBASIC

Professional Data Services

Developer, Technical Writer

Johnson City, TN ~ 1988-1989

Datapoint DataBUS

Data Management Group

Co-Founder, Programmer, Analyst

Johnson City, TN ~ 1985-1987

80x86 Assembly, QuickBASIC, DOS

Data Equipment Supply

Game Programmer

Downey, CA ~ 1982-1984

6502 Assembly, Commodore 64, Vic-20, PET