

Clifford L Hall

Software Consultant

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SUMMARY

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

I enjoy working in an agile development environment with continuous integration, and have extensive experience working remotely on teams distributed across different time zones.

CURRENT SKILLS

Programming Languages

JavaScript (ES6/7), Solidity

Web Development Frameworks

React, Redux, AngularJS, SCSS, Bootstrap, Material Design, Node, Three.js, Socket.io, Web3, Truffle, Drizzle

Frequently Used Tools

Git, SVN, Perforce, MySQL, Firebase, AWS, GCP, Ganache, Gulp, Jasmine, Jest, NPM, Babel, ESLint, Solint, WebStorm

PREVIOUS PROJECTS

Sinewav3	app.sinewav3.com
Deja:View	dejaview.withyoutube.com
Page Fight	page-fight.net
Matrix	mgstn.ly/1JENE4X
CustomShow	www.customshow.com
CWCT	bit.ly/ZBHMbc
PureMVC	puremvc.org
ChannelMaster	bit.ly/2uMbygs
ISPAN	lmt.co/2LwQ80n
WeightWatchers	youtu.be/AqfXZDvbr4

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

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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.

IndeeLabs, LLC
Consultant, Developer

Asheville, NC ~ July 2018-Present
React, Redux, Bootstrap, Firebase, Node.js, Python

Stealth-mode cryptocurrency startup, founded by former Bloomberg team members.

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.

More Satisfied Clients and Agencies 2004-2013

Adobe Systems, Assurant, Avtec Systems, Effective UI, Cisco Systems, Dorado, JITC, The Jockey Club, J. P. Morgan Chase, Harley Davidson, Lockheed Martin, ManyOne Networks, NYK Logistics, State Street Bank, Reputation.com, Sales Graphics, 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

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