Neil Green

Atlanta GA • 404-427-2828 • neil@neilonsoftware.com

I am seeking a new challenge that will take advantage of my wide range of technical and soft skills. My experience is primarily in leading and coaching cross-functional teams through the process of new product development. I am equally comfortable working in both startup and enterprise environments.

Links

LinkedIn - linkedin.com/in/neilgreen   **Blog** - neilonsoftware.com

Github - github.com/neilgreen/url-shortener   **Portfolio** - neilgreen.dev

Experience

SoftSkills.app – Lead Software Architect, *Apr 2019 to Present*
React, Node, Postgres, ES6, HTML5, CSS3, AWS, SendGrid, PayPal, Heroku

Invented the first turn-key soft skills self-assessment and self-improvement training program designed specifically for software development teams. Designed, developed and deployed a progressive web application consisting of an extensive soft skills assessment, a Soft Skills Scorecard, and 13 hours of soft skills audio coaching presented in a highly customized media player. Features also include payment integration, a gift code purchase and redemption system, cross-device/cross-session quiz progress state saving, email integration, a custom client/server routing solution, and a custom 2-factor authentication system.

Deluxe – Lead Software Architect, *Jun 2017 to Apr 2019*
React, Java, JSP, SQL Server, HTML5, CSS3

Joined an ongoing rewards product redesign project significantly behind schedule. Coached local and remote teams of engineers to deliver project successfully to AARP (~1 million active users/month). While coaching other engineers, refactored or replaced significant parts of the existing system to introduce multiple correct-by-construction configurable frameworks to dramatically increase developer productivity and work quality. Post AARP, frameworks then enabled the rapid development of McAfee, Allstate, and Citibank rewards products.

FindFitFast – Lead Software Architect, *Nov 2015 to Jun 2017*
iOS, Node, Postgres, Swift, Auth0, RabbitMQ, PubNub, Cloudinary, BrainTree, PayPal, Google Places.

Designed and implemented an iOS app to address the disconnect in the women's clothing industry between sizing and body measurements. Features include: Body measurement entry workflow; Data visualization of body measurement differences between the user and the woman in outfit photo; Garment details entry; Outfit photo editing, uploading, processing and hosting; Outfit publishing workflow; Garment detail marketplace handling both fund collection and automatic disbursement; Social Features (Rating, Favoriting, Following, Blocking, Reporting, Moderation); Sophisticated search tool with search match alerting; and real-time notification of events of interest. The app also features a tightly integrated outfits scavenger hunt real-time social game designed to incentivize women to upload outfits for fun and/or prizes. Outfits scavenger hunts features include: Game creation workflow; Invite workflow; Automatic scheduling, starting, and stopping of games; Automatic random generation of 'Outfits to Find' based on user configuration; Scoring and place change logic; Real time broadcasts of user action; Peer-to-Peer 'Cheering'; and winner determination.

Intercontinental Exchange – Lead Software Architect, *Nov 2011 to Nov 2015*
React, Node, ES6, HTML5, CSS3, Java

Inventor, architect and lead implementer of the ICE Desktop Platform (IDP), now the standard platform used across all 40+ internal desktop development teams worldwide. Platform capabilities include: 3rd party extensibility through a formal plugin model; Runnable as both a desktop and web application; User or API configurable multi-window hot-swappable state-restorable workspace management system; Declaratively configured command-chain event processing pipeline; Inbound and outbound event dispatchers with asyc scatter-gather transactional support; Worker-pool based communication layer; Built-in user-configurable performance stress-test tool with performance test profile import/export; Multi-module aggregated wizard system with declarative workflows; Theme Support; Cross-window drag-and-drop; Regional window splitting; Self configuring window-level, region-level, and extensible context (right-click) menu system.

ZScaler – Technical Team Manager, *Jan 2011 to Oct 2011*
Java, Spring, Hibernate, TestNG, Mockito, JSP, JSTL, ExtJS, Sencha Touch, Flex.

Asked to lead a major initiative to rewrite a Cloud Security Administration application from the ground up, with full authority over all aspects of project delivery including hiring staff, establishing project milestones, risk analysis and mitigation, technology selection, architectural governance, establishing coding standards, overseeing code implementation, introduction of Agile practices, administration of Jira to assign and track work, managing and coordinating the work of three Agile teams (Atlanta, India, and California). Negotiated with executive team over timelines, resourcing, and budget. Collaborated with Product Management on feature definition and phased delivery of Web Service, Flex, HTML5, and Mobile Device Products.

Silverpop – Technical Team Lead, *Nov 2009 to Jan 2011*
Java, Spring, Hibernate, TestNG, Mockito, JSP, JSTL, HTML, CSS, JavaScript, Dojo, GWT, Oracle.

Invited to take a leadership position to address challenges of a previously struggling team. Implemented improved estimation process in combination with software design sessions. Trained fellow engineers in Unit Testing and system architecture. Provided Agile process coaching for all members of the cross functional team. Worked closely with Product Development to refine and prioritize requirements. Set standards for quality by working closely with Quality Assurance, resulting in significantly lowered defect counts.

Incomm – Technical Team Lead, *Jul 2009 to Nov 2009*
Java, Spring, Hibernate, JUnit, SOAP, JSP, JSTL, HTML, CSS, JavaScript, jQuery, Fusion Charts, SQL Server

Recruited to help a struggling product development team deliver a mission critical project already months behind schedule. Quickly jumped in and learned the system's architecture and implementation and began helping team members execute on their development tasks more effectively. Designed and implemented a mission critical analytics feature in time for a series of important sales presentations. Worked with management team to design a SDLC that would work in their particular environment and coached the team on how to address adverse project conditions, such as incomplete requirements and tight deadlines.

AutoTrader – Principal Engineer, *Sep 2006 to Mar 2009*
Java, Hibernate, JSF, Seam, RichFaces, JUnit, JSP, JSTL, HTML, CSS, JavaScript, Prototype, YUI, jQuery, Oracle.

Hired to help address challenges with the existing 30+ person engineering team. Instituted coding standards and code reviews. Conducted 1-on-1 mentoring sessions and established a career development process in collaboration with upper management. Interviewed and recruited over a half of the new engineering team. Resolved numerous emergency production issues stemming from both personnel and technical challenges. Instituted After Action Reviews (AAR) to help drive continuous organizational improvement.

Feynman Designs – **Freelance Web Developer,** *Oct 2001 to Sep 2006*

PHP, .NET, HTML, CSS, JavaScript, VBScript, MySQL, SQL, Apache

Designed and developed custom web applications for a wide variety of companies at various stages of growth including Bash Works (2001), International Sports Missions (2002), Okabashi Brands (2002), National Geographic (2002), Point2Point View (2003), MI World Wide (2003), Team One Lending (2004), Imagine Murcia (2005), University of Miami Online High School (2005), Web.com (2006), TransMend (2006).

Proficient Systems – **Web Developer,** *Jan 2001 to Oct 2001*

Java, JSP, HTML, CSS, JavaScript

Recruited by VerticalOne founders to design user interface of their new chat-based website sales product. Designed and developed standalone product prototype to emulate both sides of chat interactions for use by sales teams when not connected to internet, which proved critical to securing sales domestically and internationally.

VerticalOne – **Web Developer,** *May 1999 to Dec 2000*

Java, JSP, HTML, CSS, JavaScript, XML, XSL

Recruited by first account aggregation company to be the first member of the user experience design team. Championed the use of Cascading Style Sheets (CSS) as mechanism for managing UI differences across the many co-branded product deployments. Rapidly developed application prototypes and was assigned two staff members to assist with their production. Won two awards for innovation and leadership respectively.

Education

Awarded full scholarship to Hampton University High Energy & Nuclear Physics Department; Attended 1995-1999 towards Bachelor of Science in Physics; Research conducted at Thomas Jefferson National Accelerator Facility, Argonne National Laboratory, and the Center for Ultrafast Optical Science (CUOS). CUOS research done in 1997 contributed to the winning of the 2018 Nobel prize for Physics. Two-time winner of University engineering competition. President Society of Physics Students. Member of varsity sailing team.