# Hassan Shirani (Please contact me directly for my photo ID)

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**Objective:**
Work with customers, systems administrators and software development teams to create best in class service and software that inspires and surpasses expectations.

**Skills:**
TCP/ IP, Linux, BSD, Socket Programming, C++, C, PHP, Python, Perl, Node JS / Server side JS, HTML, CSS, Javascript, Jquery, iOS Development, Android Development, Virtualization (KVM / libvirt), MySQL, PostgreSQL, Adobe AIR, Apache Cordova, Version Control (SVN / GIT), Embedded Systems Development.

**Experience:**

**Peer1 Hosting: Software Developer                2008 - 2011**

Worked with Business Analysts and Product Managers to develop new software and maintain existing software systems in HTML/Smarty, Javascript/JQuery/Ext, PHP and PostgreSQL. Assigned to special project to integrate and deploy new EMC / ATMOS cloud storage product offering. Assigned to special project to re-factor financial systems integration code using Microsoft Great Plains, SQL Server, IIS, C# .NET. Assigned to special project to develop a web based Cloud Storage File manager written in Java.

**The Veda Project, Inc: Systems Architect / Lead   2011 (contract) Developer**

Designed and deployed high availability virtualized UNIX based server infrastructures. Advised business on how to develop software in a fashion that was extensible, maintainable, and secure. Lead software team from specifications to working proof of concept. Developed efficient and normalized PostgreSQL database to support software platform. Administered backups and maintenance on all servers and workstations. Deployed and maintained JIRA and Confluence, task management and documentation systems. Developed software in HTML/Smarty, JavaScript/Jquery, object oriented PHP, PLPGSQL, and SQL

**Visual Net Design: Software Developer            2011 to Present**

Developed a multi-threaded TCP socket server capable of processing over 10,000 concurrent connections with minimal resource consumption. Designed and developed a modularized scalable home automation system for the remote control and maintenance of air conditioning units. Designed and developed API centric web, mobile (iOS, Android), and desktop (Windows, OSX) software applications. Designed and developed a peer to peer audio video and data transport platform for interfacing custom Linux based embedded ARM systems to other commonly network connected devices (smart phones, PC's). Designed and developed web applications using best practice techniques where appropriate (MVC paradigm, object oriented, API driven) using modern technologies (JAX, COMET) for immersive real time user experiences. Maintained and updated multi-threaded, low level (device layer) applications written in C. Designed, developed, deployed and was solely responsible for, from concept to production, the companies largest account.

**Education:**
Pursuing a Bachelor's degree in Computer Science, double minor in Biology and English. Relevant coursework: Advanced C++, Java, Oracle Relational Databases, Networking, UNIX Operating Systems, BSD Based Systems.

**References:**

| Visual Net Design: | The Veda Project Inc | Peer1 Hosting |
|---|---|---|
| Manuel Oblitas | Vivek Viswanathan | Kevin Schwerdtfegger |
| Managing Partner | Chief Executive Officer | Systems Architect |
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