

Hassan Shirani

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Objective:

Work with customers and software development teams to create best in class software that inspires and surpasses expectations.

Education:

University of Texas at San Antonio

2008 – Present

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

Experience:

Techsurance: Junior Developer

2006 - 2008

Worked with business and senior developers to design, create, test and debug web based software applications written in HTML, CSS, Javascript, and PHP. Assisted in management and maintenance of UNIX based development and production environments. Responsible for porting and management of existing customer facing website to an easily maintainable content management system (Drupal), including custom modules and front end templates. Developed and maintained MySQL database infrastructure used as a back end for database driven software.

Peer1 Hosting: Software Developer

2008 - 2011

Designed, implemented and maintained software with a small in house software development team. Interfaced with Business Analysts and Product Managers to assess the business's need for new software and maintenance of existing software systems. Worked on software systems including: customer facing management portals, business facing management portals, finance and billing systems, and cloud storage infrastructure systems. Developed tools and software using modern languages and web technologies including HTML, CSS, Javascript/Jquery, PHP, PLPGSQL, SQL, and Java.

The Veda Project, Inc: Systems Architect / Developer

Present

Designed and developed a comprehensive and customized software solution using a RESTful, abstracted, and layered approach optimized for end user platform portability and back end efficiency. Designed, deployed, and maintained an extensible, high availability, virtualized, Linux based networked infrastructure to support web based software systems. Administered version control system for a small team of software developers. Implemented and maintained documenting and task management systems for a small software development team including Confluence and Jira. Managed and worked with small team of software developers coding in HTML/Smarty, Javascript/Jquery, object oriented PHP, PLPGSQL, and SQL.

Professional References

- 1.) Robert McCallum, Techsurance, CTO
E: robert@techsurance.com
P: 210.293.6311
W: <http://www.techsurance.com>
- 2.) Richard Sedlak, PEER 1 Hosting, CTO
E: rsedlak@peer1.com
P: 1.800.741.9939
W: <http://www.peer1.com>
- 3.) Vivek Viswanathan, The Veda Project Inc, Executive Director
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P: 210.569.9598
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To Whom It May Concern:

My name is Vivek Viswanathan. I am the Executive Director of The Veda Project, an online educational non-profit. Hassan Shirani worked as a software developer for The Veda Project from January 2011 to July 2011, though his responsibilities extended to server and database administration as well.

Hassan demonstrates a strong understanding of both theoretical foundations and practical aspects of programming. He encouraged us to use a RESTful framework, which allowed us to quickly structure the interaction between the application and the API, which in turn allowed us to develop the application and API separately. He also encouraged us to use the PHP template engine, Smarty, and ensured that our code accorded to the MVC framework.

Hassan provided help on the frontend showing a deep understanding of everything from CSS to Javascript, but his work primarily focused on the database (PostgreSQL) and the API (written in PHP). His code was extremely intuitive and efficient. Though his code was commented, it would have been perfectly comprehensible without comments. He wrote object-oriented code where necessary and spurned classes where they would add nothing to reusability or comprehension.

Hassan is both good at providing and receiving criticism. Where disagreements arose in how code should be structured, he was open and curious to other viewpoints and willing to let go of his idea if he saw a superior one. He is also skilled at quickly identifying errors in code. Often, when I couldn't figure out why a particular block of code was behaving oddly, Hassan would need only a minute or often much less to discover the problem.

As a non-profit, The Veda Project is heavily dependent on external funding to continue our operations and pay our employees. Sadly, we were unable to secure sufficient funding to maintain paid employees. While I am no longer able to employ Hassan, I can recommend him and vouch for his excellence in software development without reservation.

Sincerely,
Vivek Viswanathan
Executive Director of The Veda Project