SHREE HARSHA SRIDHARAMURTHY

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Education

Indiana University, Bloomington, IN   **May 2017**
Master of Science - Computer Science

Visveswaraya Technological University, Belgaum, India   **June 2009**
Bachelor of Engineering - Computer Science

Technical Skills

Programming Languages: C#, Java, C++, Python
Web Development: HTML5, jQuery, CSS, ASP.NET Web Forms, MVC, SharePoint Server, Bootstrap
Databases: MS SQL Server, MySQL, Oracle
Tools: Visual Studio, Eclipse, Nintex, Tableau, Business Objects, Informatica PowerDesigner

Professional Experience

Graduate Research Assistant | Indiana University | Bloomington, Indiana   **Nov 2015 – Present**

- Waterworks game - designed and developed in-game survey module to record user inputs into database. Enhanced user interface of the game. *[jQuery, PHP, MySQL]*
- Received competitive research grant from Indiana University Office of Sustainability for developing game to educate players in water systems thinking. *[HTML5, jQuery, CSS, PHP, Bootstrap]*

Web Developer, Auxiliary IT | Indiana University | Bloomington, Indiana   **Jan 2016 – May 2016**

- Built a vehicle parking management system for electronic record keeping and approvals. Customized interface by branding. *[SharePoint Server 2010]*
- Created workflows to automate notifications for the parking management system. *[Nintex]*

I.T. Analyst | Tata Consultancy Services | Bangalore, India   **Aug 2013 – Jul 2015**

- Lead developer of custom SAP implementation projects tracking tool. Bridged incompatible Single Sign On (SSO) Identity and Access Management (I&AM) system with custom SharePoint solution. Enabled https with Secure Socket Layer (SSL). *[C#, SharePoint Server 2010, SAML2.0, ASP.NET, jQuery]*
- Received department-wide appreciation for developing feature-rich responsive portal visited by 3000 users. *[SharePoint Server 2010, jQuery, CSS, Bootstrap]*

Senior Systems Engineer | Infosys Limited | Bangalore, India   **Jan 2009 – Aug 2013**

- Performance tuned by redesigning code. Migrated custom ASP.NET and MOSS 2007 application to SharePoint 2010 platform through code remediation. *[ASP.NET, SharePoint Server 2010, jQuery]*
- Enhanced collectively 14 web and desktop applications built over multiple technologies. *[C#, Java, Unix, ASP.NET, SharePoint Server 2010, MOSS 2007, Informatica PowerDesigner, Business Objects, Windows Batch Scripting]*
- Performed code review ensuring best practices for memory management and coding standards. Ensured authorization by managing permission sets of user groups. *[SPDisposeCheck, SharePoint Server 2010]*

Academic Projects

- PageRank algorithm implementation on distributed systems. *[Java, MPJ Express]*
- Backend programming on SQLite database for Android app. *[Core Java, Android, XML]*
- Asymptotic analysis of string matching algorithms. *[C#, C++]*
- Project on comparative analysis of classification algorithms. *[Python, Tableau, Weka, Scikit, Unix]*
- Movie recommendation system (KNN) and decision tree classifier. *[Python, R, C#]*
- Artificial intelligence based games Rameses, Yahtzee and map coloring program. *[Python, Java]*
- XINU kernel deployment on Beaglebone Black with process management and networking. *[C, Bash]*

Activities and Honors

- One among top 50 finalists at ITA Tech Challenge. **2016**
- Research and development grant ($10,000) from Indiana University Office of Sustainability. **2016**
- Merit award from IU. **2015**
- Appreciation from department head at Tata Consultancy Services. **2015**
- Introduced game programming to public as a Science volunteer at Indiana University. **2015**
- Team rated 7 on 7 by client-partner Pfizer for robust application development. **2013**
- Most Valuable Player award - Superior performance at Infosys. **2012**
- Most Valuable Player award - Best Debutante at Infosys. **2010**