SWETHA MALYAVANTHAM

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**Summary**

Effective, team-driven professional offering 6+ years of experience in web application development in various industries. Focused and committed with calm demeanor in the most challenging situations. Seeking engaging position to provide top-notch solutions as part of progressive team.

**Skills**

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| * C# Advanced * SQL Advanced * AngularJS Advanced * JavaScript Expert * Team player * Customer-oriented | * Software Development Life Cycle * Online learning * Multiple version controls - TFS, GIT * Python Novice * Task estimation * Azure Novice |

**Experience**

Senior Software Development Engineer 05/2012 to 07/2018

MCG, Part of Hearst Health Network Seattle, WA

* Developed the ability to configure and call external APIs which include attachments as input parameters in Rules Engine using C#, AngularJS, XSLT, XML, SQL, REST and so on.
* Analysed SQL Execution Plan and increased the performance of episode list retrieval by 60%.
* Changed the way the data is serialized and stored, that improved the performance of I/O operations on database by 80%.
* Designed and developed a new UI for Auto-Authorization Portal using MVC, AngularJS, BootStrap, CSS to increase usability which in turn increased provider adoption significantly.
* Developed Licensing API - one of the Microservices and its ability to talk to Identity Server using OAuth and OpenId Connect, which can be used company wide.
* Supported deployments of Guideline Transparency in staging , test and production environments using Octopus and TeamCity.
* Refactored legacy code written in C# and made code testable using techniques like Dependency Injection, Pin tests and so on.
* Developed unit and integration tests using MSTest and NUnit to improve software quality and reliability.
* Developed a console application using C#, SQL, Windows Forms to de-identify PHI data in production db, so that production issues can be easily reproduced without compromising on HIPAA rules.
* Recommended and developed new admin portal using C#, HTML5, Bootstrap, MVC and AngularJS for Guideline Transparency which resulted in less turn around time for new and existing customers.
* Introduced tools like Lucid Chart to team to have transparency in UI designing.
* Advocated tools like SonarQube and processes like TDD to ensure best coding practices.
* Advocated client side code testing and implemented unit tests for Auto-Authorization Portal using Jasmine and Karma.
* Resolved customer issues by establishing workarounds and solutions and by debugging and creating defect fixes.
* Visited client sites along with implementation team to help clients with technical questions and to also demo newer parts of workflow.
* Conducted interviews to help the company choose right candidates.
* Created technical workflows and documents in MS Visio and One Note to promote education and training of newly hired employees.
* Migrated performance tests from VMs to Azure platform.
* Collaborated with internal technology teams and third party partners to define, design and deliver on user stories and customer demand.
* Resolved customer issues by establishing workarounds and solutions and by debugging and creating defect fixes.
* Effectively represented team in product road map and strategy meetings that helped product management team to make right decisions.
* Organized and held meetings with stakeholders, product teams and customers throughout entire software development life cycle.
* Conducted code reviews and trade-off studies such as What's the oldest browser we can support, Are we HIPAA compliant if our customers are using the unsupported version of browser and so on.

Software Developer - Contingent Staff 10/2011 to 05/2012

Microsoft Redmond, WA

* Developed website called Server Health Check using C#, ASP.NET, SQL, CSS and HTML which can display reports on server's IPAK compliance.
* Developed Pivot Reports and Charts using MS Excel as front end and SQL as data source.
* Build various complex TSQL queries for data analysis and extraction.
* Derived various tests to check IPAK compliance of server using WMI Queries and Reg Query.
* Automated table copies using SSIS.
* Performed database administration tasks such as data migration.
* Kept project manager informed of milestone updates and provided detailed project report every day.

Software Engineering Intern 06/2011 to 09/2011

ENMApps LLC Redmond, WA

* Implemented a website for vacation home called Icicle Creek Chalet using ASP.NET, C#, JQuery and CSS.
* so that customer can see its amenities, book online, contact owner.
* Developed a slide show using Visual Studio Blend to showcase vacation home's amenities.
* Implemented the ability to show availability dates on calendar using REST, C# and JSON serialization/deserialization by calling HomeAway's APIs.
* Implemented online payment system using PayPal integration which generated revenue in real time.
* Performed deployments of this website to GoDaddy.
* Designed and Implemented Data access layer using ADO.NET to perform CRUD operations on data.

**Education and Training**

Bachelor of Science: Electronics & Communication Engineering 2008

Jawaharlal Nehru and Technological University (JNTU) India

* GPA: 2.9
* Certified by NIIT in Java and C++
* Organised and lead 50 students in an event to donate hearing aids to an orphanage called Pragathi Charities in India.

**Accomplishments**

* Promoted to Senior Software Developer for showing excellence in my commitment, transparency, and passion to drive the team towards greater goals.
* Received applauds from our Technical Support Team and Implementation team in the way I handle client calls.
* Advocated and implemented features following lean development which resulted in shorter release cycles and effective feedback loops.
* Created web pages that had a consistent look and met branding initiatives which encouraged more business opportunities with customers.
* Received applauds from peers for being an excellent team player.

**Websites, Portfolios, Profiles**

* https://swethamalyavantham.github.io/
* https://www.linkedin.com/in/swethamalyavantham/