##### **SWETHA MALYAVANTHAM** E-mail: [mailswetham@gmail.com](mailto:mailswetham@gmail.com)

**Senior Software Development Engineer** Contact No: 425-999-7033

**SUMMARY**

* Passionate developer with 6+ years of experience with strong problem-solving skills.
* Promoted to senior for showing excellence in my commitment, transparency, and passion to drive the team towards greater goals.
* Expertise in full software development lifecycle – from concept through delivery of extensible and customizable applications.
* Excellent troubleshooting skills – able to analyze code and engineer well-researched, cost-effective, and responsive solutions.
* Received applauds from our Technical Support Team and Implementation team in the way I handle client calls.
* Excellent team player in self-organized scrum team.
* Believer in lean development which leads to shorter release cycles and effective feedback loops.
* Achieved Bachelors of Degree in Electronics & Communication Engineering with 71% from Jawaharlal Nehru and Technological University (JNTU).

**Technical Skills**

|  |  |
| --- | --- |
| * **Languages** | C#, TSQL, XML, HTML, JavaScript, XSLT, JQuery, CSS |
| * **Web Servers** | IIS |
| * **Programming Models** | MVC, Web Forms, Web Pages, Windows Forms |
| * **RDBMS** | Microsoft SQL Server |
| * **Microsoft Tools** | Visual Studio, TFS, MTM, SSMS, Git |
| * **Automation** | Selenium, SpecFlow, Jasmine |
| * **CI Servers** | Team City |
| * **Deployment Tools** | Octopus |
| * **Control Tool Kits** | Ajax, Dev Express |
| * **Architecture** | REST, SOA, Multitenant, Onion Architecture, Microservices |
| * **Frameworks** * **Learning** | AngularJS, .NET  Python |
|  |  |

**Professional Experience**

### MCG, Part of Hearst Health Network (<http://www.mcg.com> ) (May 2012 – July 2018) Sr. SDE

**Auto-Authorization Portal:**

* Reduced time to render Auth-Queue list to less than 2 seconds by optimizing the stored procedure.
* Reduced database memory increase by 80%, replacing xml serialization with json.
* Refactored legacy code to remove dependencies and implemented unit tests which increased code coverage from 2% to 38%.
* Implemented SQL script to de-identify PHI data in database, so that production issues can be reproduced without compromising HIPAA rules.
* Implemented Single Page Applications using AngularJS framework to give richer experience in UI for existing webform solutions.
* Implemented ability to configure external APIs, which will make the integrations of Portal with different vendor partners easier.
* Implemented solutions to support cross-browser compatibility of this product.
* Advocated tools like SonarQube and Lucid Chart to ensure best coding practices.
* Advocated client side code testing and implemented jasmine tests with karma test runner.
* Acted as point of contact to deal with client issues.
* Visited client sites along with implementation team to help clients with technical questions and to also demo newer parts of workflow.
* Participated actively in lot of interviews to help the company choose right candidates.

**Guideline Transparency:**

* Implemented support for various content versions using factory method pattern.
* Implemented authentication on one of the microservices using OAuth.
* Implemented source code following Multitenant architecture.
* Implemented SQL queries to extract nodes from xml data.

### Microsoft as Contingent Staff (Oct 2011-May 2012) SDE

**Team – Windows Debug & Diagnostics**

* Developed website for Server Health Check Tool (Internal Microsoft Tool to display reports on server’s IPAK compliance).
* Developed Pivot Reports and Charts using 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.

**ENMApps LLC** ( [**http://www.enmapps.com**](http://www.enmapps.com)) **Jun 2011-Sep 2011**  **SDE/SDET (Intern)**

**Team - Real Estate and Management Portal**

* Implemented online reservation and payment system, emailing system, SSL on partial site usingfor Icicle Creek Chalet Vacation Home
* Implemented user-driven ASP.NET web pages for allowing users to input and retrieve accurate information, database-driven web interfaces for rapid, real-time information sharing.
* Integrated this web application with pay-pal and VRBO to make sure the reservations and on-line payments are handled in smooth.
* Designed and Implemented Data access layer using ADO.NET to connect and retrieve or manipulate database information.
* Managed and deployed latest builds to server.
* Manually tested the application to ensure product quality.