

Software Engineer (Full Stack Web developer) Software Engineer (Full Stack Web developer)
Software Engineer (Full Stack Web developer) - Team LibCRM, Springshare LLC Huntsville, AL
Software Engineer with 5+ years of experience in Full Stack .NET, Angular and Healthcare domain
using Agile methodologies. Proficient and meticulous in leading SDLC lifecycle from inception through
delivery. Proactive and passionate Computer Science graduate, seeking full-time opportunities.
Authorized to work in the US for any employer Work Experience Software Engineer (Full Stack Web
developer) Team LibCRM, Springshare LLC December 2017 to Present Florida Handled front end
web implementations using Angular 5 (HTML/CSS/Angular Material) for new features,
enhancements and quick fixes for LibCRM, a Customer Relationship Management web portal for
librarians. Implemented backend features and fixes using PHP7 and Stored Procedures for
LibCRM. Solved accessibility related website issues using WAVE and aXe tool. Wrote and
performed unit tests using PHPUnit for several methods. Performed code reviews on major
changes and Quality Assurance testing on LibCRM features after code release. Improved page
load speed by preloading dashboard contents and tested it across devices. Python Web developer
Civil Engineering, University of Alabama in Huntsville - Huntsville, AL February 2017 to November
2017 UAH Extensively used wide range of Python libraries (Plotly) for developing real-time
dashboard. Designed adhoc reports in .csv format and generated hourly reports to monitor live
traffic using MIME. JavaScript Web developer Mechanical and Aerospace Engineering, UAH June
2016 to December 2016 Built a department/research website using JavaScript/CSS3/HTML.
Improved search ranking by 3% following an optimal search engine optimization (SEO) approach.
Web application developer Information Technology and Systems Center February 2016 to May 2016
ITSC), UAH Developed weather alert application using meteorJSON data from Distributed Active
Archive Center, NASA. Implemented and enhanced same page navigation and email alert
for DAAC team with weather changes. Programmer Analyst (Full Stack Healthcare .NET developer)
Teams IntelliSearch and ARK, Cognizant Technology Solutions (Client October 2013 to June 2015
October 2013 - June 2015 Teams IntelliSearch and ARK, Cognizant Technology Solutions (Client -
Change Healthcare (Emdeon)) Lead a team with development and management of a web portal

for Technical Consulting Group: ? Technologies included ASP.NET MVC, Bootstrap3, jQuery with WCF Data Service and MySQL. ? Implemented DB operations using stored procedures and source code management using TFS. Implemented and enhanced response generation for Medicare, Medicaid & private health insurance eligibility check requests from insurance providers such as Health Partners (of MN), BCBS, Aetna, Emblem Health, etc.: ? Managed client requests using Microsoft Message Queuing (MSMQ) and ASP.NET (30 second response). ? Debugged and modified source code to troubleshoot production issues in client-side tools. ? Carried out source code management using Tortoise SVN, project management using JIRA tracking tool. Business continuity planning (BCP) as a BCP Test Coordinator HIPAA 1996 to 1996 1996) Eligibility Transaction System (HETS) EDI 270/271. Managed CRUD for heavy-load databases using MySQL and Oracle for storing eligibility records. Enhanced a web portal with the support of Angular JS and WCF service calls. Developed Windows Forms (winforms) UI for automatic periodic downloads of data feeds from client files. Planned and executed scrum master duties - sprint planning, stand-up meetings, retrospect, sprint backlog, etc. Logged effort/velocity, burn down chart, task progress using JIRA tracker and documented unit test cases. Actively planned, improved and conducted Business continuity planning (BCP) as a BCP Test Coordinator.

MASTER'S PROJECTS Lead a team in design and implementation of Sell-It-Easy, a sales web application using HTML5/CSS3, PHP/XAMPP and MySQL. Set up instances of CloudStack and OpenStack and successfully migrated 11 different web applications. Deployed Amazon AWS ec2 cloud for web application "Sell-It-Easy" to enable large amount of image storage. Developed a sailboat web application using JSON (RESTful) and SOAP (Non-Restful) web services. Created a database using PostgreSQL (pgsql) and executed Embedded SQL programming in C (ecpg) to retrieve ad-hoc records. Improved Query per second (QPS) performance by approximately 33% over MySQL. Implemented a MongoDB (NoSQL) version of Sell-It-Easy to handle 5,000 requests/minute. Developed a cryptographic encryption-decryption application. Provided a fourfold encryption using Java libraries for file transfer in a client/server environment. Performed K-means clustering and naive Bayesian classification with Z-score normalization on a Big Data using Java in

Linux environment. Created bash shell and executed POSIX threads (pthreads) with producer-consumer thread in circular queue to reduce context switches and speed up 2% execution time in UNIX environment. Designed file encoding/decoding based on Vigenere cipher using Python. Education Master of Science in Computer Science University of Alabama in Huntsville - Huntsville, AL August 2015 to May 2017 Bachelor of Technology in Chemical Engineering Anna University September 2009 to April 2013 Skills MYSQL (2 years), PYTHON (1 year), .NET (1 year), ASP (1 year), ASP.NET (1 year) Additional Information SKILLS Scripting Languages: JavaScript, Angular 5, Angular Material, PHP, Angular JS Databases (DB): Oracle, MySQL, PostgreSQL (Postgres), MongoDB (NoSQL), Indexes, Stored procedures. Cloud platforms: CloudStack, OpenStack, Amazon AWS Elastic Compute Cloud (EC2), AWS Lambda. Frameworks: ASP.NET, ASP.NET MVC, Windows Communication Foundation (WCF). Client-Server Architectures: Non-RESTFUL Web Services, RESTFUL Web Services. Programming Languages: C#, ANSI-SQL, VB.NET, Python, Java, C++, C. Testing: PHPUnit, TestCafe. IDEs: Visual Studio (with Team Foundation Server (TFS) and Winforms), Eclipse, Netbeans. OS/Web Server: Linux, Windows. Data Mining: Classification, Clustering, Normalization.

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