DATA SCIENTIST INTERN

Profile

Detailed-oriented Senior Software Developer/programmer with 9 years experience devising innovative and tailored solutions to achieve on-schedule and high client satisfaction. Provide cradle-to-grave oversight of software project management and rollout of Enterprise applications.

Accomplishments

- Designed and developed numerous software solutions and also driving continuous improvement to processes, systems, workflow and customer responsiveness.
- Use of Agile and waterfall SDLC to ensure the release of premium-quality applications that provided intuitive and secure experiences for users.
- Reduced payroll by hundreds of thousands of dollars by automating functions to resolve business challenges.

Relevant Professional Experience

Ascend Learning San Antonio , TX Senior .Net Developer 02/2016 to Current

- Develop solutions in alignment with the Enterprise architecture while contributing and advocating the use of Enterprise frameworks.
- Defines applications and websites objectives by analyzing user requirements; envisioning system features and functionality.
- Researching and understanding new web technologies to provide technical leadership in developing service applications and analyzing business requirements.
- Designs and develops user interfaces to Internet/intranet applications by setting expectations and features priorities throughout development life cycle.
- Technologies used (C#, ASP.Net, HTML, CSS, SQL Server, SVN, JQuery, JavaScript, CSS, AngularJS, Bootstrap, Entity framework, TFS, WEBAPI2, Waterfall Methodology).

Company Name City , State Software Developer II 01/2015 to 10/2015

- Reduced department cost 10% by reducing amount of time spent working of previous released projects by ensuring new code integrated with existing product.
- Reduced server load by 26% by converting numerous server-side components to client-side.
- Leveraged advanced knowledge of ASP.NET and AngularJS to optimize Sharepoint- created pages, eliminating 13% of code while enhancing overall functionality and speed.
- Technologies used (C#, MVC, .NET, Test unit, SQL Server, AngularJS, Bootstrap, HMTL, CSS, PowerShell, TFS, SSIS, REST, SQLite, Agile Methodology.

Company Name City , State Senior Software Developer 02/2013 to 12/2014

- Led programming tasks including enhancements, maintenance and support for clients' applications and interfaces.
- Developed new procedures for requirements gathering, needs analysis, testing, scripting and documentation to strengthen quality and functionality of business-critical applications.
- Managed 6-member developer team.
- Technologies used (WAMP stack, HTML, CSS, Oracle, SVN, JQuery, JavaScript, Java, Agile & Waterfall Methodology.

Company Name City , State Senior Software Developer 11/2007 to 12/2012

- Design and implementation of applications, collaborating with project managers and quality assurance team to ensure on-time completion and quality of projects.
- Provided technical leadership to junior developers.
- Focused teams on business objectives and tracked progress to ensure project milestones were completed on time, on budget and with the desired results.
- Reduced client cost by 32% by Improving client experience with the ability of managing multiple client products and employees from a single location.
- Created module that allows clients ability to send and receive synchronous feedback on employment eligibility and verification by connecting to the Department of Homeland Security (E-Verify).
- Created an Executive dashboard that displays client top-level metrics helping executives run their companies efficiently. ThisÂ increased new business sales $270K in 2011.
- Technologies used (LAMP stack, HTML, CSS, MYSQL, Subversion, JQuery, JavaScript, SOAP, XML, C#, Visual, Agile & Waterfall Methodology).

Additional Professional Experience

Company Name City , State Data Scientist Intern 07/2016 to 09/2016

- Created a predictive model for effective field goal percentage (EFG%)Â used to understand the effect of player actions, both offensively and defensively on shot quality.
- Analysis, summary and visualization of shot quality/contestedness.
- Created web application to display expected field goal and shot contentedness result.Technologies used (R, R-Shiny, R-Studio, Postgres).

Other Skills

JAVA, C/C , Python, AMPL, WEKA, MongoDB, Git, HIVE, HIVEQL

Education

Master of Science : DATA SCIENCE & ANALYTICS 2017 University of Oklahoma , City , State , USA

Bachelor of Science : Computer Engineering 2007 University Of Oklahoma , City , State , USA

Affiliations

Engineering Student Life , member (2005- Date)

National Society of Black Engineers , member (2005- Date)

Gallogly College Of Engineering Graduate Student Community , member (2015 - Date)

Graduate Student Life , member (2015 - Date)

Certifications

R Programming , John Hopkins University(Coursera)

Introduction to Big Data , University of California, San Diego(Coursera)

Hadoop Platform and Application Framework , University of California, San Diego(Coursera)

Getting and Cleaning Data , University of California, San Diego(Coursera)

Machine Learning Foundations , University of Washington(Coursera)