Lizhen Hu

Software Developer - Indus Consultancy Services (ICS)

Middle Island, NY - Email me on Indeed: indeed.com/r/Lizhen-Hu/513cc4ab96f360ca

• 3 years of IT experience in all phases of Software Development Life Cycle (SDLC) such as Planning, Analysis, Design, Implementation, Testing and Maintenance of Web Based, Client-Server based applications.
• Extensive full stack development experiences in Node.js, express.js and MongoDB.
• Extensive experience with databases, both SQL and NoSQL, patient troubleshooter who constantly help internal/external users resolve database integrity issues, performance issues and security issues.
• Self-motivator who is willing to work cross-functionally as part of a team as well as an outstanding developer. Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Indus Consultancy Services (ICS)   -   Paramus, NJ - August 2014 to December 2016

Responsibilities:
• Lead development of web application full Software Development Life Cycle (SDLC), includes requirement gathering, design, development, system testing, and user feedback collection for next iteration.
• Design database table schemas, views, procedures of Breast and Cervical Cancer System on Microsoft SQL Server.
• Utilize SQL Server reporting service (SSRS) to automatically generate and update statistical reports.

Projects:
1. RocoRahu – Web Application
• Developed the backend content management system by using Node.js with Express.js framework.
• Designed and developed responsive user interface with Bootstrap, JQuery, HTML5, and CSS3.
• Designed and implemented the MongoDB schema.
Environment: Node.js, Express.js, MongoDB, Bootstrap, HTML5, CSS3, JQuery

2. Breast and Cervical Cancer System –Department of Health, PA
• Developed routine jobs to extract data from database to MS Access/Excel based on user requests. Managed documentation and logging for data extraction procedure.
• Developed automated reports generation with SSRS and deprecated legacy Crystal reports.
Environment: Microsoft SQL Server, MS SSRS

3. Maine Breast and Cervical Health System –Department of Health and Human Services, ME
• Designed and Optimized views and indexes of current database, optimized previous SQL queries to improve SQL execution time to 3 times faster.
• Developed database profiling task and complex store procedures to routinely generate client analysis and data quality report.
• Team worked with other developers during development and testing procedure to optimize system performance.
Environment: MS SQL Server, MS SSRS, Microsoft.NET

EDUCATION

Master of Science in Management Information Systems

Stevens Institute of Technology   -   Hoboken, NJ

February 2013 to May 2014

SKILLS

Java, JavaScript, Node.js, Express.js, MongoDB, HTML5, CSS, AJAX, Bootstrap, JQuery, Git, Microsoft SQL Server, SQL Server Report Services(SSRS), Microsoft Windows Server, Mac-OS (3 years)