Arthur Wimberly

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EXPERIENCED LEAD DEVELOPER

Versatile and results-driven Lead Developer with expertise in .NET, Javascript, SQL Server, and Neo4J. Skilled in full-stack development, database design, system architecture, and cloud-based solutions. Adept at leading teams, optimizing software performance, and streamlining data integration processes. Strong background in developing enterprise applications, enhancing system efficiency, and implementing scalable solutions. Experienced in Agile methodologies, API development, and automation to drive innovation and deliver high-quality software solutions.

AREAS OF EXPERTISE

Full-Stack Development | Software Architecture | Database Design | System Integration | Process Automation | Agile Development | Performance Optimization | Team Leadership | Requirements Analysis

PROFESSIONAL EXPERIENCE

CompTIA, Chicago, Illinois (Remote)   **March 2024 - January 2025**
Senior Programmer
Developed and maintained web applications as part of the Innovations team, focusing on .NET, ReactJS, Neo4J, and SQL Server. Contributed to the development of a new assessment pilot program and video-guided labs, ensuring functionality, scalability, and user experience enhancements.
- Created a tool to import JSON into Neo4J graph database and parse JSON paths to perform CRUD operations.

Surge, New Orleans, Louisiana (Remote)   **October 2016 - March 2024**
Senior Programmer
Senior .NET developer/consultant on various projects.
- Rewrote the applicant intake process for MorphoTrust's DMV software. The new process used WCF web services instead of file transfer and parsing.
- Helped plan and develop Quality Health Service web applications. Responsibilities included sprint planning, source control management, database management, application development and deployment.
- Assisted with updating thermal profiling software for Electronic Control Design. This was a windows application written using WPF, C#, SQL Server and Entity Framework.
- Worked on simulation development for CompTIA. This included using a proprietary Javascript framework (PunyJS).

PEC Premier Safety, Mandeville, Louisiana   **March 2014 - October 2016**
Senior Programmer
Senior .NET developer on a small web team, handling requirements gathering and documentation.
- Developed and maintained the ASP.NET with C# applications: Standard Safety Questionnaire (pecdata.com/SSQV4/Login.aspx), Advanced Training Tracker and PEC Card (pectraining.com/Card/Lookup.Mobile.aspx)
- Improved database maintenance and migration by creating standard practices for scripting and SQL error handling.
- Redesigned parts of the Standard Safety Questionnaire (SSQ) interface using bootstrap and Telerik.
- Changed database migration process through Visual Studio SQL Developer tools and database projects.
- Worked on the rewrite of the 10-year-old SSQ legacy system. The rewrite involved ASP.NET MVC, Web API, HTML5, JavaScript, AngularJS, SQL Server 2012 and Entity Framework 6.

National Finance Center/USDA, New Orleans, Louisiana   **June 2011 - March 2014**
IT Specialist
Technical Lead for the Pre-existing Condition Insurance Plan (PCIP), an insurance portal and data entry program
- As the lead on PCIP, participated in requirements gathering, developing and managing a team of four other developers.
- Daily batch jobs were executed to send data to the mainframe for processing payments, verifying citizenship, enrollments, and cancellations. Rewrote these jobs as batch files and SQL scripts, reducing runtime from hours to less than five minutes.
- Created the State to Federal application which was a C# .NET 4.0 windows application. As states ran out of budget to maintain their own PCIP programs, these states were required to transition all their active enrollees to the federally run program. The State to Federal application processed XML files received by each state and loaded this data into the system. Over 50,000 enrollees were transitioned from the state to federal system.
- Developed a mobile friendly web application for the Employee Personal Page (EPP). This application was written using Microsoft MVC 2, jQuery mobile for the design and Oracle for the database. This application is used by over 750,000 federal employees to check employee information such as earnings and leave, health insurance, and 401k contributions (nfc.usda.gov/epps/).

SeNet International, New Orleans, Louisiana   **January 2011 - June 2011**
Analyst III
Web applications developer for the Pre-existing Condition Insurance Plan. Job duties included .NET web development, code transition, SQL review, and maintenance of www.pcip.gov (pcip.gov/).

Entergy Services Inc., New Orleans, Louisiana   **April 2010 - January 2011**
Analyst III
Cost Analyst for Project Management and Construction department of Entergy. Job duties included gathering requirements and monthly budget reporting.

Geocent/Diamond Data Systems, New Orleans, Louisiana   **March 2006 - April 2010**
Experienced Consultant II, www.geocent.com
IT consultant for various projects and Louisiana companies. Job duties included requirements gathering, functional design documentation, application development, database design, database maintenance, and project management. The projects included the use of CSS, HTML, XML XSLT, MS SQL Server 2000 and 2005, Oracle, JavaScript, VB.NET, C#.NET, ASP.NET, and AJAX.
- Lead developer for the Electronic Health Record system for LSU Health and Sciences Center. Redesigned the SQL Server 2005 backend for the application.
- Provided Louisiana Department of Health and Hospitals with detailed functional design document for the Points of Dispensing (POD) emergency application.
- Lead developer for the re-write of the House Staff Resident Tracking application for Ochsner's Graduate Medical Education Department. Converted the application from a VB 6 windows application to an ASP.NET 2.0 web application with an Oracle backend.
- Converted the Louisiana Protective Order Registry (LPOR) application from Oracle Forms to a web-based VB.NET application for the Judicial Administrator's Office of the Louisiana Supreme Court. Created and designed reports with Microsoft Reporting Services.
- Developed the ASP.NET Cemetery & Funeral Home Enabler (CAFÉ) application for Stewart Enterprises. Created and redesigned Crystal reports for this application.
- Developed multiple components for the Logistics and Revenue Service (LARS) system for Hornbeck Offshore Services, LLC. Developed and designed the Vessel Specifications module of this system, which allowed users to maintain up-to-date information for the entire Hornbeck fleet.

ADDITIONAL RELEVANT EXPERIENCE

Service Management Group, Inc., Hattiesburg, Mississippi
Application Developer/Technical Support
Developer for food service industry business applications. Technical support for custom VB6 systems. Job included the use Visual Basic 6, Classic ASP, SQL, ASP.NET, VB.NET and C#.NET.

- Developed and maintained a classic ASP application that helped users build SQL queries and custom reports. This application was utilized by 20 of the top manufacturers for the food service industry. This tool allowed manufacturers to track warranty claims. http://www.servicemg.com/reports
- Implemented an ASP.NET task management system for Forrest General Hospital. This application was used to track doctor and staff requests, complaints, and suggestions.
- Designed, developed, and maintained an HTML parser written in VB.NET. This application was used internally to create online parts manuals for food service companies.
- Provided technical support for the Electronic Manual (EMCD) system. The system was a CD based electronic information reader and search tool.

EDUCATION

Bachelor of Science (BS) in Computer Science
University Of Southern Mississippi, Hattiesburg, Mississippi

TECHNICAL SKILLS

AJAX | CSS/SCSS | HTML/XHTML | JavaScript | SQL | XML/XSL | Visual Basic 6 | VB.NET | C#.NET | ASP.NET | Microsoft MVC | Crystal Reports | Microsoft Reporting Services | Microsoft Web API | AngularJS | ReactJS | TypeScript | Neo4J | Oracle | Oracle 11g | MS SQL Server