Syed Yaser Ahmed Syed, MSc

Software Engineering – Java Back End Technologies/Development

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Methodical, experienced Software Developer with 7+ years of creating world-class technology using advanced technologies. Proficient in critical analysis of business requirements, adept at designing and maintaining solutions for organizational success.

- Expert in technical solutions to understand system requirements and provide high-quality and scalable applications.
- Highly skilled in machine learning algorithms and artificial neural networks to identify patterns in image quality.
- Possess invaluable experience in system implementations/analysis, ensuring business requirements meet optimal standards.
- Actively seeking a Software Engineer/Back End Developer role that develops products and maintains code bases.

Core Competencies

Object-Oriented Programming | Design Principles | Software Architecture | Perl Scripting | Computer Science | End-to-end Web Application | Performance Tuning of SQL Queries | Root Cause Analysis | Mentoring & Coaching | Database Development | Architecture and Modeling | Systems Analysis | Software Development Life Cycle | RHEL 6 | Linux | APIs

Technical Skills

Languages: ASP.NET, C/C++, C#, HTML, CSS, JavaScript, Java, PHP, Perl, Python, SQL, TCL
Tools & Frameworks: Agile/Scum, Git, Wireless Network HART, Bit Bucket, Bamboo, JIRA, SVN

Professional Experience

SOFTWARE DEVELOPER | Power Costs, Inc., Norman, OK   Dec 2019 – Present

Utilize Java for application development to design, develop, and implement software applications to support data warehouse for PCI's extensive list of clients following approved life cycle methodologies and standard operating procedures.

- Develop and enhance functionalities and features of PCI software products, including conducting software testing.
- Use Microsoft Power BI & XML Parser made by python to develop an efficient way of loading NIPSCO & Entergy settlement data.

SOFTWARE ENGINEER | Cognizant Technologies, Oklahoma, OK   Jun 2018 – Dec 2019

Interface with multifunctional teams to solve problems to create, maintain, audit, and improve systems to investigate system faults.

- Developed and maintained products essential for a 100% real-time clearing house platform built on RHEL 6 while hosting on Azure.

SOFTWARE DEVELOPER INTERN | Eaton's Crouse-Hinds, Syracuse, NY   Dec 2017 – May 2018

Accounted for testing and fixing bugs, optimizing firmware and software code, and utilizing technologies for dashboard tool.

- Resolved bugs in hazard proof lighting controller software (dashboard) and controller firmware and hardware to allow end-users to remotely control and commission hazard proof lighting fixtures that could survive extreme conditions.
- Optimized firmware & software code with the offsite development team as well as providing technical inputs to enhance coding procedures during sprint meetings and using Wireless HART for communication between gateway and controllers.
- Diminished controller testing time by about 400% by building and implementing an automated firmware test suite.

SOFTWARE DEVELOPER INTERN | AptaMatrix, Inc., Syracuse, NY   Dec 2016 – Feb 2017

Analyzed and extracted proprietary binary files from Illumina HiSeq 2500 v.3 sequencers, containing DNA-protein interaction information.

- Proficiently employed Perl and C to manipulate data from FastQ and Cluster intensity files produced by the sequencer.

Wipro Technologies   Nov 2013 – Jun 2016

SOFTWARE ENGINEER, Nestle – Chennai

Strategically direct a team of developers to maintain dashboard applications and develop new features for the operations team.

- Utilized Perl CGI to develop various new monitoring modules and Shell Scripts to configure and extract data accurately.
- Interviewed, recruited, and trained Perl Programmers, including organizing weekly operational meetings with the onsite client.

PROJECT ENGINEER, Avaya – Pune

Highly involved in customer on-boarding and migration (COBM) tasks for incident management testing via BMC remedy & HP NNMi.

- Slashed time-taken for assigning service requests and performing complicated tasks by 90% by building an automation system.
- Significantly contributed to the improvement of the project process, earning the award of "Category Creator – Automation."

Education

MS in Computer Engineering, GPA: 3.60/4.0 | Syracuse University, Syracuse, May 2018
B. Tech in Information Technology, GPA: 7.65/10 | Anna University, Chennai, May 2013

Projects

Image Quality Determination, Remote Test Harness (C#), Type-based dependency Analyzer (C++)