Zalak Shah

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Competency Profile:

Languages	**:** Java, C++, PL/SQL, STL, Shell Scripting, XML, Perl, R, Python
Web technologies	: HTML5, CSS, JQuery, AJAX, JavaScript, J2EE, Spring MVC, ORM, Node.js, React.js
Data Tools	**:** Oracle 12c, SQL Server, PostgreSQL, MySQL, Tableau, Hive, HBase
Programming Tools	**:** IntelliJ, Visual Studio IDE, Eclipse, Azure ML Studio, Putty, Secure CRT
Management Tools	: Git, Bit Bucket, Wireshark, HP Quality Center, CVS, Perforce, SVN

Work Experience: 6+ years

➢ **John Hancock, USA | Full Stack Software Engineer | May 2019 – Present | Insurance**
- Developed test-driven microservices in an extreme programming (XP) agile framework employing CI/CD practices
- Pair-program with and coach engineers to hone their development skills and knowledge and deliver high-quality code
- Collaborated on a team of 5 to build an asynchronous big-data system utilizing Kafka to analyse customer interactions and identity data

➢ **Tradeweb Markets LLC, USA | AVP Technology | Feb 2018 – April 2019 | Financial Services**
- Developed, maintained and supported the Institutional Fixed Income products using C++, SQL Server, Shell and Perl scripting; deployed and managed with Git
- Designed and implemented an auto-email notification system using Perl scripting, ODBC and HTML which resulted in higher sales matrix for the client
- Triage the production issues, worked with cross functional teams which resulted in 5% decrease in turn-around time
- Successfully managed multiple severity 1 and 2 priority issues concurrently; provided solutions with a quick turn-around time demonstrating an excellent customer service focus at all times.
- Always available to assist even during off business hours/ weekends as needed, especially during Production Release and Disaster Recovery

➢ **The MathWorks, USA | Release Engineer Intern | August 2016 – January 2017 | Education**
- Build, Tested and Packaged a Continuously Integrated Products using C++, Perl Scripting; achieved higher product quality and met delivery requirements
- Developed a web interface using HTML5, CSS3, JavaScript, JQuery and AJAX; achieved the higher level of abstraction and web verification
- Designed and implemented DB connection in the tool using Hibernate API, XML-based request-response and XML parser; achieved an error-free automated product list retrieval feature.

➢ **HSBC GLT India | Software Engineer | June 2014 – August 2015 | Financial Services**
- Developed a sustainable banking product using C++, on Unix platform (*GlobalPayPlus*), which catered the SWIFT message communication with the HSBC core processing engine
- Performed triage as a part of defect management, efficiently resulted in faster turn-around time for the defects more than 70%
- Optimized the resource utilization for the weekly batch cycle, rendered a solution in form of Perl utility; reduced the batch cycle time frame from 6 hours to 15 minutes

➢ **Atos India Pvt Ltd | Software Developer | Aug 2011 – May 2014 | Financial Services**
- Designed and implemented financial services solutions using C++, Oracle PL/SQL, XML, and Perl which were deployed on a UNIX platform using Tuxedo as middleware with minimum/no rework
- Restructured, optimized and integrated new features in the framework using various algorithms, STL, Data structure; reduced transaction time by over 30%
- Developed an end-to-end Integrated Payment Software Solution, using the Worldline Pay e-payment services product of Worldline

Education:

➢ **Northeastern University, Boston, USA**   **May 2017**
Master of Science in Information Systems (Computer Science related field)

➢ **Sardar Vallabhbhai National Institute of technology, Surat, India**   **May 2011**
Bachelor of Technology in Electrical Engineering

GitHub Link: https://github.com/zalak13