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| Objective | To obtain a senior software development role that offers opportunity for career growth. |
| Summary | Experienced software engineer with years of comprehensive software development experience.  Strong analytical and problem solving skills, with ability to grasp complex systems.  Demonstrated ability to drive software architecture and design decisions.  Proven experience in leading and mentoring junior software developers.  Equipped with knowledge of latest technologies and industry best practices.  Always motivated to learn new tools and technologies. |
| Experience | Software Development Engineer, Amazon Web ServicesSydney, NSW — Dec. 2015 - current Working in AWS Support organization developing software tools for AWS support.  *Technologies*   * Java, Scala for server development * Ruby on Rails for website development * Javascript, ES6, React, Redux for front-end development * Continuous integration  Lead Software Developer, Cracker SystemsKew, VIC — Jan. 2015 – Nov. 2015 I currently lead the development of CrackerSports.com platform that enables members of sports communities to enhance their learning and skills development through focused effort, collaboration and knowledge exchange.  I am also developing CrackerCentral platform (an offshoot of CrackerSports) that provides a platform for mentors in any area of expertise to share their knowledge and experience with a group of mentees.  *Technologies*   * AngularJS, jQuery, Bootstrap for front-end development * Apache Solr for indexing and searching, Apache HBase (NoSQL) for high performance database, and PostgreSQL * Amazon Web Services for cloud setup and deployment * PHP for backend development  Accomplishments  * Streamlined the source code, optimized the PostgreSQL and HBase databases to increase application performance. * Investigated and successfully resolved the HBase Thrift memory issue that made the HBase Thrift server unresponsive every few days.  Senior Technical Lead, Primatics FinancialKarachi, Pakistan — Aug. 2014 - Dec. 2014 I worked as a lead developer and team lead in offshore office of US-based Primatics Financial which provides complex financial and risk analysis solutions to many of the top financial institutions in North America.  Working in an agile environment with scrum methodology, I led the UI and web development feature team, developing the web application that allowed customers to configure the financial model execution plan, execute complex financial models, and view reports.  *Technologies*   * Java EE, Spring technologies, Hibernate / JPA, JUnit, Linux shell scripting for back-end development * Oracle 11g and MariaDB (MySQL) databases * AngularJS, jQuery, Bootstrap for front-end development * SahiPro for web UI automated testing * Git and TeamCity for continuous integration * Amazon Web Services for cloud deployment and JBoss application server  Accomplishments  * Started Docker implementation for creating development stack and easing the job of software developers in setting up development environment. * Served as point of contact for managing the continuous integration using JetBrains TeamCity and addressing integration issues.  Senior Technical Lead, GoodCore SoftwareMalaysia / Pakistan — Oct. 2013 - Aug. 2014Technical Lead, GoodCore SoftwareKarachi, Pakistan — Jul. 2011 - Sep. 2013 I led the development team lead at GoodCore Software, a software development company. I worked on several projects of varying complexities. Some of my project contributions include:   * **MYNIC Berhad:** Worked for 6 months in Malaysia for MYNIC Berhad (Malaysia’s domain name registry) as business analyst and lead developer for overhauling the registry and registrar systems, WHOIS service and dispute resolution system. I collaborated with MYNIC staff to perform analysis of existing software systems and documented the requirement specifications. I also designed the technical architecture and developed several core features of the applications.   *Technologies:*   * Java 7 with Spring technologies (MVC, Security, Data, Web Flow), Hibernate / JPA, Gradle, PostgreSQL, jQuery, AngularJS, Bootstrap. * **EchoVision BriefingSource:** Developed BriefingSource, a web-based solution that helps users meet the challenges of briefing management by providing capability to organize all types of resources against a customizable calendar, and enabling multiple users to manage and update briefing schedules, staff and assignments. I started working on BriefingSource from an early development stage, and spearheaded the product development, culminating in successful deployments for briefing departments of several companies.   *Technologies:*   * PHP, Yii MVC Framework, SAML 2.0 (for Single Sign-On), Google Calendar integration, jQuery, Bootstrap, Apache Httpd, Nginx, Amazon Web Services (AWS). * **Spot the Animal Games:** Developed Spot the Farm Animal and Spot the Jungle Animal iOS games for children, with a touch and detect animals feature accompanied with animal sounds and having two interactive modes: Learn and Play.   *Technologies:*   * iOS SDK, Xcode IDE * **MaddiePro:** Developed MaddiePro, a radio show management web application that allows hosts and organizers to easily organize and present show preparation data, thus saving a lot of time for show prep and on-air speech.   *Technologies:*   * Java, Spring technologies, Hibernate, MySQL, jQuery. * **zoShare:** Developed zoShare, a web application platform that enabled sharing news and recommendations on popular social media like Facebook, Twitter, Google+.   *Technologies:*   * Java, Spring technologies, Hibernate, MySQL, jQuery, social media integration APIs. * **Women Unlimited CRM:** Provided support for CRM product used by Women Unlimited, Inc. and also developed several fully customizable reports having dynamic filters.   *Technologies:*   * Used Ruby on Rails, MySQL, jQuery.  Accomplishments  * Promoted to Senior Technical Lead position because of strong technical skills and effective leadership qualities. * Enhanced the security of BriefingSource product and made the product secure against common vulnerabilities such as Cross-Site Scripting (XSS), SQL Injection, Cross-Site Request Forgery (CSRF).  Lead Software Engineer, Folio3Karachi, Pakistan — Jan. 2010 - Jun. 2011Senior Software Engineer, Folio3Karachi, Pakistan — Jan. 2009 - Dec. 2009Software Engineer, Folio3Karachi, Pakistan — Aug. 2007 - Dec. 2008 I started working as a Software Engineer, rising through the ranks to Lead Software Engineer at Folio3, a software development company. Some of my notable project accomplishments include:   * **SecretBuilders.com:** Performed back-end development for SecretBuilders.com, a safe and modulated online virtual world that enhances children’s learning and reading skills through adventure and games. Developed Facebook integration for user registration and posting event updates Facebook news feed, integrated payment gateways such as PayPal and other country specific payment methods, implemented randomized A/B testing and reporting for various sections of the site, implemented single-sign on to provide seamless integration of SecretBuilders with partner and affiliate websites.   *Technologies:*   * Java EE, Facebook API, payment gateway APIs, jQuery, MySQL, Redis. * **Barnes & Noble:** Developed SOAP as well as RESTful web services for Barnes & Noble, providing methods to get/set product recommendations based on customers past purchases or viewing history.   *Technologies:*   * Java, and Apache CXF. * **WebSilo:** Developed and maintained WebSilo, a document management web portal enabling company staff and trusted business partners to access company documents in a secure and controlled environment. Developed features included fine-grained access control, full-text index/search capabilities for document content, detailed tracking and activity reports, electronic and automated non-disclosure agreements and licensing workflows, and customizable document workflows.   *Technologies:*   * Java EE, Apache Jetspeed portal framework, Hibernate, Apache Lucene for document indexing and searching, Apache Tomcat, MySQL, jQuery. * **NetSuite Integration:** Developed NetSuite integration solution for a NetSuite customer to integrate its in-house shipping and handling system with NetSuite, a cloud-based business software suite.   *Technologies:*   * Java and NetSuite SuiteTalk Web Services.  Accomplishments  * Earned rapid promotions for superior performance and demonstrated ability for quick learning and taking self-initiatives. * Received Employee of the Month award. |
| Education | State University of New York at Stony Brook, United StatesMaster of Science, Computer Science — 2007Lahore University of Management Sciences, PakistanBachelor of Science (Hons.), Computer Science — 2005 |
| Skills | * **Programming:** Java & Java EE, Spring technologies, Hibernate / JPA, Gradle, Maven, Apache Struts 2, Apache Lucene, Apache Jetspeed 2, Apache CXF   PHP, PHP based MVC frameworks (Yii, Laravel, Zend), Python, Ruby on Rails, C, C++   * **Web Development:** HTML, CSS, Javascript, AngularJS, jQuery, Bootstrap * **Databases:** PostgreSQL, MySQL, Oracle 11g, Apache HBase, Redis * **Search Technologies:** Apache Solr * **Web / Application Servers:** Tomcat, JBoss, Nginx, Apache Httpd * **Testing Frameworks:** JUnit, TestNG, Sahi Pro (Web UI automation & testing) * **Cloud Technologies:** Amazon Web Services (AWS) * **Others:** Git, BitBucket, JIRA, Eclipse IDE, IntelliJ IDE, TeamCity continuous integration, Linux, Bash scripting, Docker, Agile, Scrum |
| Achievements | * **Employee of the Month (August 2010):** Received company-wide recognition at Folio3 for extraordinary contributions to the project I was working on at that time. * **Fulbright Scholar (2005 - 2007):** Received the prestigious United States government sponsored Fulbright scholarship for fully funded graduate studies in United States. |
| References | Available upon request. |