Rochester, NY 14616
(315) 591-5483

Joshua A Axtell

Areas of expertise

Leading a team through problem solving, data modeling, and performance tuning using a variety of technologies.
Designing enterprise applications for scalability and high availability across multiple tiers.

Experience

Solutions Architect - Astor And Sanders
November 2022 - Current
Remote

- Overseeing the technical aspects and providing guidance to a team of 15 members
- Designing and Implementing applications using cloud infrastructure and services
- Troubleshooting and resolving technical issues in the applications and the cloud infrastructure
- Collaborating with multiple teams to ensure successful code deployment
- Monitoring and optimizing applications to increase up-time, improve performance and scalability
- Participating in code reviews and guiding the team towards best practices and industry standards

Cloud Architect - Mindex Technologies: Cloud division
March 2021 - November 2022
Rochester, NY

- Cloud native design, development, and security using AWS
- Using Windows, Linux, Docker on EC2, ECS, Fargate
- Processing data using Glue with pyspark, Lambda, Step functions
- Making the data accessible to users via Amplify with cognito connected to api gateway as well as Quicksight.
- Supporting operations leveraging Jira, Confluence, AWS CodeDeploy, AWS Pipeline
- Working with Git, PHP, Python, C#, MySQL, PostgreSQL, SQL Server
- Mentoring junior developers and co-ops
- Promoted from Senior Software Engineer in February 2022

Senior Software Engineer - Mindex Technologies: SOW
May 2018 - March 2021
Rochester, NY

- Full stack development on a statement of work team leveraging AngularJS, Java, Spring, and Oracle
- Using Windows, Linux, Docker, and Openshift
- Supporting operations leveraging Jira, Jenkins, XL-Release with XL-Deploy, JFrog Artifactory, Splunk, and AppDynamics
- Working with Git, Gradle, ESLint, Jasmine, JUnit

Lead Software Engineer - Thomson Reuters
June 2012 - May 2018
Rochester, NY

- Worked with Exadata X4 and X5 as well as 160 core 40TB Oracle databases, doing development and application DBA type work
- Worked with Java, Scala, and Oracle on Linux, in docker containers, and on Windows
- Lead a team of five engineers for a hadoop project leveraging scala, spark, and the Cask data application platform.
- Worked with Git, Mercurial, Subversion, Maven, Jenkins, Jira, Crucible, and a JFrog Artifactory
- Promoted from Senior Software Engineer in June 2016

Software Engineer Contractor - Wellington Steele and Associates, onsite at Thomson Reuters
January 2011 - June 2012
Rochester, NY

- Write PL/SQL for Oracle Exadata data warehouse and data mart
- Tune SQL for optimal performance
- Use java SAX parser to process xml
- Use ant, subversion, and hudson to maintain and build java projects
- Use hadoop to process large collections of data on a cluster
- Create a web application using GWT and Spring
- Administer virtual machine using lab manager

Software Engineer, CXTec_____
October 2006 - September 2010
Syracuse, NY

- Design and implement web applications using Java, JSP, Struts, JSTL, PL/SQL, Oracle Reports, Oracle Workflow, Dojo, CVS, and Subversion
- Design and implement tables, views, materialized views, indexes, triggers, scheduled jobs, java stored

procedures, and packages in PL/SQL
- Test and tune web applications and database
- Responsible for creating technical specifications based on discussions with end users and business analysts.
- Created and maintained multiple version control repositories for different uses (intranet applications, extranet applications, oracle reports and scripts).
- Created webservices to allow extranet applications to use PL/SQL in the intranet application.
- Created adaptors for 3rd party web services.
- Promoted from Associate Software Engineer after one year

Education

Bachelor of Arts in Computer Science, Oswego State University
Oswego, NY

- 3.4 Cumulative GPA in Computer Science
- Electives include Graphical User Interfaces, Software Design, Robotics and Intelligent Agents, Teach Computing Concepts, Computational Linguistics, Web Services, and System Simulation

Cayuga Community College
Fulton, NY

- Computer Science concentrate
- Honors standing

Skills and Certifications

- AWS Certified Solutions Architect - Associate. Credential ID: 8CWGMRNDCMBEQGKL
- Amazon Web Services Cloud Practitioner. Credential ID: 7Y5SF1KJKN4Q1HWZ
- Can rapidly adapt to new environments, designs, and situations
- Able to express ideas and methods clearly and effectively in spoken and written communication
- Over fifteen years of enterprise level programming experience.
- Previously worked with: PL/SQL, Java, BASH, Maven, ANT, Jenkins, Hadoop, XML, GWT, Spring, Scala, and Spark.
- Have worked with: JSP, Struts, JSTL, HTML, Oracle Reports, Oracle Workflow, Dojo, Javascript, XSLT, J2EE, Velocity, AJAX, PHP, CSS
- Familiar with: Windows and Linux

Joshua A Axtell's Resume

- Tools used include: Eclipse, IntelliJ IDEA, PyCharm, TOAD, DBeaver , Vi, SQL Plus , SQL Developer

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