

# Janice Nancy Lee

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(440) 289-4220

## OBJECTIVE

Obtain a full-time senior or lead software development position in a challenging and fun work environment with ample opportunities to undertake personal development.

## SKILLS

Java, Scala, Akka, .NET, Tomcat, Jboss, Rest/Soap, SQL, Postgres, Oracle, MongoDB

AWS[EMR, EC2, Kinesis, Lambda, CloudFormation, CloudWatch] , Jenkins, Maven, SBT, Puppet, RabbitMQ, Nagios, Linux, Git, SVN

## PROFESSIONAL EXPERIENCE

**HERE (previously Nokia and Navteq)**

Chicago, IL

**Senior Software Engineer**

Jan 2013 - Present

- Responsible for a suite of Java and Scala applications and libraries that produce, process and host millions of traffic files per day
- Worked with external customers and implemented new XML, protobuf and binary encoding formats
- Improved performance, reliability and testability of existing delivery application (Scala, Docker)
- Developed and maintained large scale incident traffic data collectors to aggregate worldwide incident data (Java, Spring, Camel)
- Transition legacy incident collectors to new framework that allows quicker development, simpler deployments and higher availability (Java, Spring, Camel, RabbitMQ, Tomcat)
- Develop and maintain incident service application that aggregates incident data from collectors and enriches data to common API format delivered to other internal services and B2B clients (Java, JBoss, Spring, MongoDB, Oracle, RabbitMQ)

**Software Engineer**

Feb 2011 - Jan 2013

- Optimized SoapUI automated testing projects, synthetic transactions and operational documentation.
- Worked with the Product Management, Dev and QA teams to build a set of performance benchmarks to test during each new release of the Location Reference Object (LRO) application.
- Provided 24/7 Tier level 3 support as the Operations team application subject matter expert.
- Served as environment owner of both LRO STG and PRD, worked as the gatekeeper and liaison between deployment and development teams for healthy application releases.
- Helped build a Java/Scala application with a user friendly REST Interface to retrieve data from the cloud to support content management activities.
- Utilized both Scrum and Kanban Agile methodologies

**STATS, LLC**

Northbrook, IL

**Software/Oracle Developer**

Dec 2008 - Feb 2011

- Created and maintained SQL stored procedures that decreased processing time by 50% using array processing, SQL tuning (SQL trace, indexing and hints) and verified loop logic (Oracle 10g, 11g)
- Optimized SQL cursors, functions, and database triggers, lowering query costs by 60%. Developed shell scripts and PL/SQL scripts for batch processing of data during nightly maintenance jobs.
- Helped develop and maintain VB.net, VB 6 and ASP.net applications utilized by internal operation teams to handle and process statistical analysis of live and post-game results to clients world-wide.
- Lead developer on: VB 6 and VB.Net data processing applications, data migration applications, and an internal data monitoring Asp.net application.
- Provided 24-hour on-call support, troubleshooting, and maintenance on backend applications.
- Wrote and maintained documentation on applications and procedures to support team cross training, knowledge sharing, and mentoring of incoming developers.

**Infosys Technologies**

Lisle, IL

**Lead Test Engineer**

Dec 2006 - Dec 2008

- Headed a team of engineers that executed, analyzed and maintained 22,000 regression test scripts on the AS/400 Allstate legacy applications utilizing Test Scripting language and the WinRunner testing tool.
- Worked closely with the business, development and deployment teams. Managed daily activities and issues for a group of 20 on-site team and offshore team members. Prevented 600 plus defects from going to production in 2007.
- Responsible for requirement gathering, functional design, testing, test case development and deployment for legacy C++ application and e-commerce web applications.
- Worked in both automated and manual testing environments for system testing with defect analysis/resolution, turn-around times ranging from weekly to monthly code releases.

**EDUCATION/TRAINING**

**Purdue University, School of Engineering, West Lafayette, IN USA**

M.S., Industrial Engineering                      Dec 2006

B.S., Mechanical Engineering                      Dec 2004

**Extracurricular**

SWE    Member of Society of Women Engineers