Sivanesan Ganesan

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SUMMARY	A Computer Professional skilled in **Software Engineering, Web Design & Development and Network Security** with more than **three** years of hands on experience.

SKILLS

Language	C/C++, Java, Perl, Python, PHP, SQL, PL/SQL
Web Technologies	J2EE, Servlets, JavaScript, HTML, CSS, XML
Database	Oracle, MS SQL Server, MySQL, MS Access
Tools	Eclipse, Rational Rose, MS Excel, MS Visio, Flash, Photoshop

WORK EXPERIENCE

Cognizant Technology Solutions Pvt. Ltd, India   **Nov 2006 to July 2008**
Client: MetLife, Investments   *Role: Programmer Analyst*   **Team Size : 9**

- Supported as an Analyst for a Java/SQL based system that performs Extraction, Transformation and Loading (ETL process) of Investment data.

- Involved in development, defect analysis and bug fixing for trading systems like Charles River Trading System (CRTS) and IHUB (Investments data-hub).

- Implemented a SQL automation search tool in Dev & QA-machines using Windows, Oracle DB, Java, and Perl to automate the monitoring process of batch jobs and file availability. Identified test cases and successfully moved it into Production.

SolTech, Inc Atlanta, Georgia   **June 2010 to Present**
Client: BioLabs   *Role: Intern – Software Developer*   **Team Size : 3**
Performing internationalization of BioLab's Alex project with Canadian based regional specifications. Some of the responsibilities include developing database migration scripts for automation and feature addition with test cases and test plans for unit testing.

PROJECTS

E-Purchaz (Online ecommerce application) (Aug 2008-Dec 2008)   **Team Size : 3**
Role: Application Developer   *Software Engineering* - **University Practicum Project**
Researched, planned and co-ordinated the software development process for E-purchaz, which is a e-commerce website with online credit card purchasing for electronic goods, office equipments and furniture's over the web. Created and maintained the database as administrator. Also formulated the test plans to ensure high availability, modularity and 100% critical test coverage.

Mobile Agents Based Network Management (July 2005-Dec 2005)   **Team Size: 4**
Role: Configuration Manager & Technical Lead   **CS Dept, SSN College of Engineering**
Designed the Configuration Management process for developing a Network Management Tool to improve the functional areas of Network Management tasks such as performance, configuration, accounting and fault tolerance. Also guided the team on developing the software development process plan.

E-stock Module (July 2004-September 2004)
Role: Development Engineer   **(Personal Project)**   **Team Size : 1**
Developed a web application module using Java Servlets and Oracle DB that can update the data on all the clients connected to it dynamically for every modification made in the Index value of the stock database.

Quantitative Assessment of Fast Learning Algorithms (Master's Thesis)   **Research Project**
Assessing historical datasets of stocks, etc for predicting the reliability and performance measures using Decision Trees, Random Forest and Linear Regression algorithms.

EDUCATION

University of Georgia   **Athens, GA**
Masters in Computer Science

Anna University   **Chennai, India**
Bachelors in Computer Science & Engineering

ACADEMIC ACTIVITIES

- Worked as a **Teaching Assistant** in Fall 2008 and 2009 at University of Georgia.