

Tushar Swaminathan

Full Stack Java & Backend Developer - Scanbuy Inc

Harrison, NJ - Email me on Indeed: [indeed.com/r/Tushar-Swaminathan/82c03a5acb49ec74](https://www.indeed.com/r/Tushar-Swaminathan/82c03a5acb49ec74)

Seeking a position for internship / fulltime in the field of database and related activities.

WORK EXPERIENCE

Full Stack Java & Backend Developer

Scanbuy Inc - February 2016 to Present

USA

Company deals with web services and mobile applications. Barcode Service is the key feature of the applications.

Activities / Duties performed:

- Maintaining user information in (MySQL) database for location and other features.
- Creating user roles and migrating data from old to new environment.
- Creating wiki pages (media wiki - bluespice) from scratch to facilitate documentation.

Data Migration Specialist & Onshore team coordinator

HCL Technologies - April 2013 to December 2014

India

Data Migration deals with the migration of legacy data into the new system based on the newly developed target structure.

Activities / Duties performed:

- Data Analysis, Data Validation, Data Cleansing (via SQL Scripts).
- Building reconciliation report for migrated data via SSRS.
- Migrating Flat file/Excel sheet/XML data into SQL database via SSIS.
- Query Optimizing and peer review (of team members).
- Team management by allocating Tasks and reporting daily status to management.
- Handled Client interactions for two modules.
- Head of the demo team for SME testing and User Acceptance testing (at Client Location).
- Provide diplomatic and quick solutions to the customer which requires minimal efforts.
- Module Owner and onshore team coordinator.

Backend Developer & SPOC

HCL Technologies - April 2012 to April 2013

India

Admin is a web-based application for administration activities of an organization which integrates with various other modules, through web services.

Activities / Duties performed:

- Creating Backend objects like Functions, Procedures, Views etc. (SQL Server 8 R).
- Creating complex queries and maintaining database access through roles.
- Query Optimization for faster access of data through the application.
- Creating Backup data before deployment and restoring in case of any issues.
- SPOC for internal testing and user acceptance testing.

- Create a part of web application which involves interaction with the database to provide Workflow details.
- Creating tool for optimizing work done through manual efforts.

EDUCATION

Master in Computer Science

Anna University - Newark, NJ

LINKS

<https://web.njit.edu/~ts336>

PUBLICATIONS

Slob: security learning by ontology browsing: comprehensive cyber security learning resources in a web portal

<http://dl.acm.org/citation.cfm?id=2904315>

March 26, 2016

SLOB is a web based secure ontology learning tool with all kinds of resources like video, articles, books and images.

ADDITIONAL INFORMATION

Technical Skills

Database Technologies Software Proficiency

- MS Access • C#, Java, Swift 2.0
- SQL Server, MySQL, Oracle • .NET 3.5, Spring
- SQL Server 2008 R2, Toad for MySQL, • ASP.NET, ADO.NET, Windows forms & Web phpMyAdmin, Aqua Digital Studio, Amazon RDS Services
- SSRS, SSIS • HTML, CSS, JQuery, JavaScript, Angular JS
- R Studio
- Windows & Linux

Technical Certifications

Internal Certification for SQL SERVER 2008 & RDBMS

Internal Certification for ASP.Net

On-Going & Past Projects (Self-Initiative / Volunteered)

- Currently working on Disaster Management and Reach-out web application.
- Currently a part of the research group for developing Ontology based security website (Funded by NSF).
- Created an iOS Application using Swift 2.0 (NJIT Student Guide - Not released to App Store).
- Created an optimization tool for reducing the Data Migration activities.
- Created a Money Management Tool (for maintaining expense and purchase details)

GitHub Account - <https://github.com/TusharSwaminathan/>