Tanmay Budukh

Cell: +1-512-705-0547

tanmayub26@gmail.com   Availability: May-December 2016   226 Parker Hill Avenue # 6
Roxbury Crossing, Boston, MA 02120

EDUCATION

Northeastern University – Boston MA   **Aug 2015-Present**
Expected graduation: Dec 2017

College of Computer and Information Science   **GPA: 3.67**
Candidate for Master of Science in Computer Science
Related courses: Artificial Intelligence, Algorithms, Web development (MEAN stack)

University of Pune (PVG's College of Engineering and Technology) - Pune, India   **July 2009-June 2013**
Bachelor of Computer Engineering- GPA: 3.50

TECHNICAL SKILLS

Programming Languages:	C, C#, C++, Java, Python, Ruby on Rails (learning)
Database Servers:	SQL Server, MySQL, Oracle, DB2, Mongo DB
Web technologies & Frameworks:	JavaScript, JQuery, CSS, HTML5, AngularJS, REST APIs, .NET, MVC Framework
Application Servers & Web Services:	Internet Information Services (IIS), Apache Tomcat, JBoss Wildfly 9.x, NodeJS
Development Environments:	Visual Studio 2013, Eclipse
Cloud Platforms:	Amazon Web Services, Elastic Computing (EC2), S3
Operating Systems:	Windows, Linux
Certifications:	DB2, RAD (IBM)

WORK EXPERIENCE

Persistent Systems Ltd. - Pune, India   **Aug 2013 – Jul 2015**
Software Engineer

- Developed and designed a part of quoting and ordering system for internal sales reps for a US based telecom company.
- Developed and designed product catalog for managing product inventory. Designed and implemented Rest APIs to improve accessibility and availability of the system using C# MVC.
- Optimized and improved total response time for system by approximately 10 seconds per page load by optimizing stored procedures and using parallel method calls wherever possible.
- Mentored two developers to handle various technologies like ASP.net, MVC architecture, SQL server, Ajax, HTML5, CSS and Rest APIs to manage applications.
- Managed, conducted and engaged in Scrum meetings in Agile development cycle for delivering the product in phases with 15 day sprint cycles.

ACADEMIC PROJECTS

Cloud backup project for CTNI lab, Northeastern University Neurology department, Boston, MA   **Sept 2015 – Present**
- Developing a cloud backup solution for MRI scan data on AWS cloud using Java as backend and MySQL as DB.
- Design and implement a web portal to upload and retrieve the studies to and from Amazon S3. Hosted the web portal on Amazon EC2. Configured the deployment environment and security features on EC2 instance.

Concept based implementation of datacenter for intelligent city traffic management   **June 2012 – May 2013**
(Final Year project)
- Developed a dummy autonomous traffic datacenter to provide real-time traffic congestion details and predict traffic conditions based on current and empirical data. Developed web portal and Android application using ASP.net, Android development kit, SQL server as DB

PUBLICATIONS

- **Intelligent City Traffic Management and Public Transportation System,** International Journal of Computer Science Issues (**IJCSI**), Volume 10, Issue 3, No 1, May 2013 (Indexed By Google Scholar and Cornell University Digital Library, Oct 13) Link: http://arxiv.org/abs/1310.5793