

Shreyas Phadnis

5 Island Hill Ave., #211,
Malden, MA 02148

Phone: 617-314-5248
Email: shreyas@shreyasphadnis.com
Web: <http://www.shreyasphadnis.com>

Work Experience

- **Akamai Technologies**, Cambridge, MA *February 2008 – Present*
Associate Solutions Architect:
 - Designed and implemented integration solutions for 175+ Akamai customers by evaluating the customers' content management and publishing processes, web application architecture, security requirements, DNS configurations and performance expectations.
 - Designed and implemented the Akamai Configuration Tester (Web-based) System which provides a platform for creating and executing testsuites for customer configurations. This project required extensive programming in **Python**, **Cherrypy Framework** and **SQLAlchemy**.
- **EMC Corporation**, Hopkinton, MA *May 2007 – August 2007*
Software Engineering Intern, Invista: Designed and developed a prototype of a Data Migration Tool, by leveraging the current storage virtualization technologies and introducing World Wide Name Spoofing. The Cisco Switch Abstraction Layer code was written entirely in **C++**.
- **EMC Corporation**, Southborough, MA *May 2006 – December 2006*
Software Engineering CO-OP, Navisphere Software Group: Designed and Developed a ground-up Multi-threaded Server system in **Python** for consolidating Navisphere software and web-crawlers in **Perl**, along with an AJAX-based web-service to generate the software images.
- **Indian Institute of Technology**, Mumbai, INDIA *August 2004 – May 2005*
Research Intern, KReSIT: Designed and Developed a 3-way communication system in **C#** using a software-based approach to improve the Transmission quality in Remote VSAT Communication.

Education

- **Northeastern University**, Boston, MA *September 2005 – December 2007*
Master of Science in Computer Science *GPA: 3.7/4.0*
- **Mumbai University** Mumbai, INDIA *September 2001 – May 2005*
Bachelor of Engineering in Information Technology *GPA: 3.8/4.0*

Technical Knowledge

Programming: C, C++, Java, Python

Operating Systems: Linux, Mac OS X and Windows

Database: PostgreSQL, MySQL and ORM Tools

Other Technologies: DNS, HTTP, Javascript Programming, Django Framework, MVC Patterns and Parallel Computing

Projects

- **Northeastern University**, Boston, MA *September 2005 – December 2007*
 - Developed an XML-RPC based framework using Task-Oriented Parallelism for creating a Meta-Computing system like SETI@home in **C++**
 - Developed an online movie recommendation system, by using Collaborative and Content-based filtering based on a sub-set data for NetFlix Prize Competition using **Java**.
 - Designed and Implemented a Database System in **Java** with data stored in paginated files and B+tree indices.
 - Designed and Implemented a Secure IM Client and Server using **Java Cryptographic Extension** on a self-designed protocol using Public key and Symmetric key crypto systems.
- **Mumbai University** Mumbai, India *September 2001 – May 2005*
 - Developed Remote Operating System Detection Tool using Banner-grabbing in **C++**
 - Designed and Implemented a Stock Trading and Bank Account System Backend on PostgreSQL.

References can be furnished on request.