

Tejaswi Nadahalli

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Summary

- 5+ years in Internet Engineering, 1 year in enterprise coding.
- C, C++, Python, Java, Perl, Unix, Data Structures and Algorithms, Data Mining, Design Patterns, System Design, Agile Development, Large Scale Data Processing, General Computer Science Geek.
- Early Startup, Product Development, Project Management, and Leadership experience.

Research and Work Experience

Guruji.com - The Indian Search Engine - Search Engineer, *Nov. 2006 – now*

- Led a team of 4 engineers, designed, and implemented <http://finance.guruji.com> – involving almost real-time vendor data synchronization, feature plug & play, search performance through creative indexing – using MySQL, Python, C++
- Conceptualized, designed, and implemented the first release of <http://music.guruji.com> – involving custom-crawling and parsing, clustering, soundex, ranking, and indexed search – using Python, C++
- Key team member in developing Webserver modules (Apache), Ranking (PageRank, and other ideas), Templating (XSLT), Caching (Berkeley DB), and Geo-indexing for Local Search.

IBM India Research Labs - Intern, *Aug. 2006 - Nov. 2006*

- Visualization of unstructured data through OLAP and multi-faceted search based interfaces.

Yahoo! - Developer, Media and Data Group, *Jan. 2003 - July 2004*

- Developed loosely coupled, distributed, parallel systems to batch process terabytes of data.

ThoughtWorks India - Developer, *Oct. 2001 - Dec. 2002*

- Added important components to an 8000+ classes J2EE lease management application.

Education

Master's degree in Information Technology (CPI: 8.4), *(Jul. 2004- Jul. 06)*

Dept. of Computer Science, IIT-Bombay.

- Master's Thesis: Web Monitoring for Lightweight Devices: Design and implementation of Language Model based Novelty Detection methods. [Web link](#). Advisors: Profs. **Soumen Chakrabarti** and Krithi Ramamritham.
- Master's Courses: Data Mining, Information Retrieval, Statistical Machine Learning, survey course on PageRank ([Web link](#)), Probability and Statistics, Approximation Algorithms, Formal Methods, and Economics.

Bachelor's degree in Computer Science (Grade: 79% - Distinction), *(1997-2001)*

PESIT, Bangalore University.

- Thesis: Feature extraction from handwriting data to train/test Neural-Net based classifiers.

Positions Held

- Placement Representative, IIT-Bombay (batch of 2004-06).
- Administrator, Mensa Bangalore Bulletin Board.
- Moderator, Design Patterns Study Group - ThoughtWorks India