

Shreyas Shankar

shreyas.shankar920@gmail.com • LinkedIn • GitHub • +91 8976344720

Education

National Institute of Technology Karnataka, Surathkal B.Tech in Information Technology CGPA: 9.01 / 10.0 (till 4th Semester)	Jul. 2016 - present
Thakur College of Science and Commerce Junior College 90.15% in HSC Board Examination.	Jul. 2014 - Jul. 2016
Hansraj Morarji Public School 94.4% in SSC Board Examination.	Jul. 2009 - Mar. 2014

Technical Skills

Languages/Markup and Scripts: C, C++, Java, Python, Javascript, HTML, CSS, Bash
Frameworks/Tools: Django, OpenMP, MPI, MongoDB, JQuery, Git

Relevant Courses

Data Structures and Algorithms, Design and Analysis of Algorithms, Operating Systems, Computer Communication and Networking, Object Oriented Analysis and Design, UNIX Programming and Practice, Digital Design and Computer Organization, C Programming.

Selected Projects

Parallelising Pagerank:

- PageRank works by counting the number and quality of links to a page to determine a rough estimate of how important the website is.
- Implemented a parallel version of the famous pagerank algorithm.
- Used **OpenMP** and **MPI** for parallel execution and compared the results with serial execution.

Socio:

- Designed and developed a social networking platform emulating Facebook which enables users to make friends, create posts, chat, and much more.
- Used **Django** to make different models for user profiles, posts, comments, requests, groups, messages and chat rooms.
- Enables real time chat, like and comments using sockets built with **NodeJS**.

Amazon-Review-Analyser:

- Comparative Study of Machine Learning Approaches for Amazon Reviews.
- Implemented Naive Bayes (NB) Classifier, Maximum Entropy (ME) Classifier and Support Vector Machines (SVM) Classifier and compared the accuracy.

NoteMaker:

- A cross platform chrome plugin to instantly create notes from any website.
- Used chrome API's to update the context menu, add the selected text/image to a cloud database, notification on addition of new notes.
- Developed REST API's supporting different functionality using Node.js, Express and MongoDB database.
- Server deployed on heroku.

All projects are available on github.com/shrey920

Achievements

- Ranked **AIR: 2202 / 1.2 million** in JEE Mains 2016
 - Ranked **AIR: 3707 / 1.5 lakh** in JEE Advanced 2016
 - Received Scholarship for Maharashtra State Council of Examination(MSCE) Pune scholarship exams
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Extra Curricular Activities

- Executive Member at **Web Enthusiast's Club-NITK**
- Executive Member at **IE-NITK**