

Vivek Kumar Thakur

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Education

2012–Till **BE Computer, Army Institute of Technology** , Pune, Maharashtra.
Percentage: 70.11%
2010–2011 **Class XII, Kendriya Vidyalaya Lucknow Cantt** , Lucknow, UP.
Percentage: 89.8%
2008–2009 **Class X, Kendriya Vidyalaya Lucknow Cantt** , Lucknow, UP.
Percentage: 86.6%

Area of Interests

Algorithms And Data Structures

Project

Optimal Text Search, *Self*.

An algorithm to extract some set of random words from a given dictionary such that the letter count requirement is fulfilled. Implemented it using trie data structure in Qt framework.

Technology Used: C++ , Qt Framework.

Link: (<https://github.com/vkt1992/Optimal-Text-Search>)

Chat Application, *Self*.

A multi-user chat application designed in JAVA for instant messaging in the Local Area Network based on STAR topology using multithreaded server.

Technology Used: JAVA, MYSQL

Link: (<https://github.com/vkt1992/Concurrent-Text-Conferencing-Application>)

Resource Monitoring of Docker Containers, *Project Intern* , GS Labs Inc, Pune.

In this project developing a centralized resource monitoring system for analyzing the performance of docker containers. And trying to develop some alert rules if the resource of a particular docker container is being overused.

Language : NODE.JS, HTML, CSS, JAVASCRIPT, AJAX, JQUERY.

Database: MongoDB.

API: Docker Swarm Api.

Platform: Linux.

Online Judge Platform, *Academic*.

Application for evaluating algorithms based programming question and it is a server-client model build in java. Multi-threaded Server uses a Non persistent Connection. Creates a sandbox environment to test codes of participants to prevent any damage to OS.

Technology Used: JAVA, PYTHON, MYSQL

Link: (<https://github.com/vkt1992/OnlineJudge>)

Mini Projects.

More Projects can be found on my Github account.

Link: (<https://github.com/vkt1992/>)

Technical Skills

languages C, C++, Python, Java(basic)
Platform Window,Linux
Database MySql

Web Presence

Github (<https://github.com/vkt1992/>)
Spoj (<http://www.spoj.com/users/vkthakur>)
Codechef (<https://www.codechef.com/users/vthakur>)
Linkedin (<https://www.linkedin.com/in/vivek-thakur-964420ab>)

Honors

Scholarships .

- Got AGIF scholarship for academic excellence in (2012-2013) and (2014-2015).
- Got Meritcum scholarship for academic excellence in (2013-2014).
- Got Tata Merit scholarship for securing 1st position in 3rd year of engineering.
- Got AWES scholarship for academic excellence.

Achievements .

- Came 1st in Inter-Branch coding competition at AIT,Pune(TECH-AAKRTI'13).
- Came 1st in Inter-College coding event at AIT SOLUTION'S 13.
- Came 1st in inter-college debugging event at AIT SOLUTION'S 13.
- Came 2nd in Inter-College debugging event at MIT Alandi TECHFEST'14.

Hobbies And Interests

Basketball And Running.