

Anish Kumar Jha

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Objective

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning

Education

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|-----------|---|
| 2012-2016 | BE, Computer Engineering, Army Institute of Technology, Pune, Maharashtra. Aggregate: 72% (Till 6th Semester) |
| 2012 | Intermediate/+2, St. Xavier's Jr. /Sr. School, Muzaffarpur, Bihar. Aggregate: 86.4% |
| 2010 | Matriculation/10th, DAV Public School, Muzaffarpur, Bihar. CGPA: 10 |

Experience

Software Engineering Intern June – July 2015 (2 months):

Amdocs Development Centre India Pvt Ltd: Worked on a tool for developing centralized resource monitoring system.

Interests

Data Structures, Algorithms, Computer Networks.

Technical Skills

- Languages: C, C++, Java (basic).
- Databases: MySQL, MongoDB.
- Scripts: Python, Shell
- Platforms: Linux, Microsoft Windows.

Projects

- **Resource Monitoring and Management of Docker Containers**

A centralised resource monitoring system for analysing and improvising the performance of Docker containers as per the requirements of the users.

- **Centralized Resource Monitoring System**

Developed an application using JSP and shell scripting to remotely monitor the Unix machines for file system details, NAS details, memory consumption per process, password expiry alerts and start/stop the processes at Amdocs, Pune during summer internship.

- **Typing Tutor**

A web application created using JSP and MongoDB which measures a user's typing speed and accuracy.

- **Concurrent Text Conferencing Application**

An application layer networking application designed in java for instant messaging in the local area network based on star topology using multithreaded server.

- **Optimal Text Search**

An Algorithm to extract some set of random words from a given dictionary such that the letter count requirement is fulfilled. I implemented it using **trie** data structure in QT framework using C++.

Rating and Ranking on different coding sites

- Codechef ([anishjha025](#)) : Long contest AIR: 482 out of 38000+ participants.
Short contest AIR: 686 out of 16000+ participants.
- Codeforces([anishjha025](#)) : Rating: 1631(Expert)
- SPOJ([anishjha025](#)) : World rank: 6887
- Hackerearth([anishjha025](#))

Activities and Achievements

- **1st** Position in Inter-College Code Debugging competition at MIT Pune 2014-15
- **2nd** Position in Code Debugging competition at Solutions 2015(AIT).
- Participated in Folk Dance in Inter-Branch cultural fest.
- Event Head of Code Red and debugging for Tech-Aakriti 2014-2015.
- On Codechef ([anishjha025](#))
 - Secured **1st** position (<http://www.codechef.com/CDTR2015>)
 - Secured **7th** position (<http://www.codechef.com/MDSW2015>)
 - Secured **1st** position (<http://www.codechef.com/PSYC2015>)
 - Secured **2nd** position (<http://www.codechef.com/SPT2015>)
 - Secured **10th** position (<http://www.codechef.com/PSCD2015>)

Academic Achievements

- Received **AGIF** scholarship for the year 2013-2014.
- Received **AGIF** scholarship for the year 2014-2015.
- Received **Merit cum Means** scholarship for the year 2012-2013.