



ROHIT D. TAWDE

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CAREER OBJECTIVE:

Looking for an opportunity in creatively challenging environment and utilize my technical abilities and skills to achieve personal as well as organizational goal.

EDUCATIONAL CREDENTIALS:

QUALIFICATION	BOARD	INSTITUTION	YEAR	PERCENTAGE
B.E(IT)	Mumbai University	MGM'S CET, Navi Mumbai	2013-2017	60.60%
Diploma	Mumbai University	Vidyalankar Polytechnic, Mumbai	2010-2013	71.06%
SSC	Maharashtra	Shardashram Vidyamandir Technical High School, Mumbai	2010	65.84%

SKILLS AND PACKAGES:

- ◆ MS Office 2003/ 2010/2013: MS Word, MS Excel, MS Power Point.
- ◆ Platforms : Windows (XP / Vista / 7 / 8).
- ◆ Languages : C, C++, C#.
- ◆ HTML.
- ◆ MYSQL.
- ◆ Skills : [ASP.NET](#), [ADO.NET](#), Software Testing

CERTIFICATIONS:

- ◆ Certified in **.NET Technology** from **Microsoft IT Academy** (Duration: 6 Months) with the coverage of below topics –
 - C#
 - [ASP.NET](#)
 - [ADO.NET](#)
 - SQL Server connectivity with BIG DATA

PROJECTS UNDERTAKEN:

♦ HYBRID TUNABLE I/O SCHEDULER USING GENETIC ALGORITHM : (Diploma project)

Role: - Designer, Testing

Description:-

- The hybrid tunable I/O scheduler using genetic algorithm will have the advantage of not requiring intervention from the user or system administrator, for adjusting to changing workloads, and for giving excellent performance.
- One method is to take an algorithm commonly used in artificial intelligence and apply it to the Linux kernel.
- focuses on removing middlemen, increasing the livelihood of local artisans and designers, helping them create/promote their brand, and preserve the Indian culture, traditions and values Hybrid I/O Scheduler using Genetic Algorithm: C, Linux, procs
- The core idea is to use a genetic algorithm to analyse collected I/O performance data. Using this data the system evolves to adapt to workloads and hardware. The Hybrid I/O scheduler has different scheduling strategies and tunable parameters. Genetic algorithm tunes the values of the tunable parameters depending upon which the scheduling strategies are selected and run with these values.

♦ AN EFFICIENT CERTIFICATELESS ENCRYPTION FOR SECURE DATA SHARING ON PUBLIC CLOUD : (Degree project)

Role: - Designer, Developer .

Description:-

- Mediated certificate less public key encryption (mCL-PKE) solves the key escrow problem in identity based encryption and certificate revocation problem in public key cryptography.
- We apply our MCL-PKE scheme to construct a practical solution to the problem of sharing sensitive information in public clouds.
- The cloud is employed as a secure storage as well as a key generation center.
- The data owner encrypts the sensitive data using the cloud generated users' public keys based on its access control policies and uploads the encrypted data to the cloud.
- The users subsequently fully decrypt the partially decrypted data using their private keys.
- The confidentiality of the content and the keys is preserved with respect to the cloud, because the cloud cannot fully decrypt the information.

COMPETENCIES:

- ♦ Strong communication and presentation skills.
- ♦ Right blend of Hard Work and Smart Work.
- ♦ Determined, Focused and Ambitious.
- ♦ Good Motivator.
- ♦ Team player.
- ♦ Attention to details.
- ♦ Fast Learner.

PERSONAL DOSSIER:

Nationality:	:	Indian.
Date of birth:	:	04 th Oct 1993.
Languages	:	English, Hindi, Marathi.
Interests/ Hobbies	:	Playing football, Web Surfing/ Social Media.
Marital status	:	Single.

DECLARATION:

I hereby declare that the above mentioned details are true to the best of my knowledge.

DATE:

PLACE: Mumbai

(Rohit Tawde)