

# Rohit A Nalavade

[Rohit1947nalavade@gmail.com](mailto:Rohit1947nalavade@gmail.com)

89-3/4, Dudhali, Shivaji Peth, Kolhapur-416012

+91 9970648705

My goal is to become associated with a company where I can utilize my skills and gain further experience while enhancing the company's productivity and reputation.

Education		
Qualification	Year	Percentage
M.Tech, Computer Science & Engineering, RIT Islampur, Sangali	2014-16	7.83 CPI 70.8%
B.E, Computer Engineering MITAOE Aalandi, Pune	2008-12	60%
12 <sup>th</sup> (Higher Secondary Examination) Vivekanand college, Kolhapur	2008	72%
10 <sup>th</sup> (Secondary school Examination) New Hlghschool, Kolhapur	2006	82%

## Technical Skills

- Programming Languages - C, C++, Java, MATLAB.
- Web Technologies - PHP, HTML, CSS, JavaScript, Angular JS
- Database- MySQL, MS Access
- PC Operating system - Windows, Ubuntu, Debian, Kali Linux.
- Mobile OS - Android, Cyanogen mode, Net hunter.

## Academic Projects

### Post-Graduation Project (August 2015 – June 2016):-

#### ➤ Demand forecasting using Relevance Vector Regression.

Demand forecasting is a crucial task for any organization to forecast number of demands a particular service or product occurs in the future. It helps to design business strategy. There are several methods available for this, but univariant time series forecasting is best suited for product or service which has more historical data. Apart from trends and seasonality, randomness in demand is one of the major problem in demand forecasting. With an understanding of problem characteristics here an implementation of Relevance Vector Regression (RVR) is done due to its design characteristics as (provides a probabilistic approach for machine learning support vector regression technique). Here improvisation of RVR is done by parameters tuning. For simulation 1570 different demand instances are created and check the performance of RVR and different demand forecasting methods.

Presented paper "Demand Forecasting Using Relevance Vector Regression" in the National Conference for Engineering Post Graduate Students RIT NConPG-16, got "Best Research Paper" Award.

Platform- Windows 10 | Tool- Matlab 14

#### ➤ Private class management (Website portal) (2 members) (Jan 2015- May 2015)

Design a website for private class management. A website developed for considering four users Admin, Teacher, Student, guests with their different privileges. Website contains some functionality as fee management, student and their teachers with course management.

Platform – Windows 8 Tool- Dreamweaver, XAMPP | Language- PHP, HTML5 | Database - SQLite

### Graduation Project (4 members) (June 2011- June 2012)

#### ➤ Secure Biometric Authentication Using Recursive Visual Cryptography.

Security of image is an important thing in any organization. To overcome and avoid cheating in real

time applications a less complex, but secure method is visual cryptography. Basic method only secures on the secret image so we introduced recursive visual cryptography where it can store more than one image securely. To assess the image we provide much more security by adding biometric (Iris) authentication.

Presented paper "Secure Biometric Authentication Using Recursive Visual Cryptography" in International Journal of Scientific and Research Publications

Task - Find the training datasets, Image processing task, Developing GUI and testing.

Platform-windows/Linux | Tools- Net beans, Oracle | Language- JAVA

➤ **Score Board for ROBOCON 2011** (3 members)

- ROBOCON is an international event which is organized by our college MITAOE Pune in 2011.
- To develop software which can save match details, Team details and manage score of the participant's team.
- Task- Developing GUI and Database management.
- Platform-windows | Tools- Visual Studio | Language- VB | Database- Microsoft access2007

### Trainings & Workshops

- **Android application development** (Personal class scheduler for teacher) as a Field training for M.Tech I curriculum in Multivision Solution Private Ltd. Kolhapur.
- Attended workshop on "**Big data and Hadoop**" at RIT, Sakharale.
- Attended workshop on "**Parallel Application Development using CUDA**" at RIT, Sakharale.
- Attended Ethical **Hacking Workshop** Held At Maharashtra Institute Of Technology, Pune.
- Attended Workshop On **Ethical Hacking**, Cracking And Social Engineering, Held At D. Y. Patil COE, Akurdi.
- Participated in **C Event CODEX** Held By Maharashtra Academy Of Engineering, Pune.

### Achievements

- **Paper publish** in 2012 IJSRP conference on B.E. project.
- **GATE qualify** in 2014 in computer science and engineering.
- **Paper publish** in 2016 RIT NConPG-16 conference on M.TECH. Project.
- Got **Best research paper** award in RIT NConPG-16 conference.

### Work Experience

- Worked as **Teaching Assistance** in the year 2014-2016

### Personal information

- Name - Nalavade Rohit Arun
- Father's name - Nalavade Arun S.
- Nationality - Indian
- Hobbies - Reading, Ethical Hacking, Tracking
- Date of birth - 09/08/1990
- Languages - Marathi (Mother tongue), Hindi and English.

Date:

Rohit Nalavade

Place: