

## EDUCATION

<b>Dwarkadas J. Sanghvi College of Engineering, Mumbai University, India</b> Secured Bachelor of Engineering in Computer Science– 8.11 CGPA	<b>August 2016</b>
<b>TP Bhatia College, Mumbai, India</b> Secured <i>Distinction</i> (88%) in the Higher Secondary Certificate Examination	<b>May 2012</b>

## WORK EXPERIENCE

<b><a href="http://Mirraw.com">Mirraw.com</a>, Mumbai</b> <b>Software Developer</b> Mirraw.com is an e-commerce website for ethnic wear with over 1.5 million products and 1 million customers and 14 developers looking after the websites. <ul style="list-style-type: none"><li>• My work included:<ul style="list-style-type: none"><li>○ Conducting research on what new features can be added to the website to improve user experience.</li><li>○ Developing the assigned features using Ruby on Rails framework, coffeescript, haml and postgresql.</li><li>○ Reviewing the existing codes and find ways to optimize it.</li><li>○ Writing data clips and scripts as per the request of the customer support/accounts team.</li></ul></li><li>• Developed an Automated PDF invoice generation and backend calculation for monthly commission for the Accounts team.</li><li>• Incorporated features for Customer Review and Rating using ajax and Feedback via mailers.</li><li>• Implemented 'Added to Cart' information using caching.</li><li>• Integrated Rating filter using solr search and ajax.</li><li>• Developed a countdown timer displaying the end of discounts on every product page.</li><li>• Wrote integration and unit test cases using Rspec and Selenium WebDriver</li></ul>	<b>August 2016 – December 2016</b>
<b><a href="http://Infoway Software Solutions">Infoway Software Solutions</a>, Mumbai</b> <b>Software Developer(Intern)</b> Infoway Software Solutions develops Housing Industry Softwares since 1993. I was assigned Rajesh LifeSpaces, one of the leading builders of Mumbai. <ul style="list-style-type: none"><li>• Developed a desktop application using python and MySQL containing information about all the clients, relatives/friends, security staff, employees and building plumbers, gardeners, receptionists etc.</li><li>• Created printable(PDFs) address book, calendar and sticker formats. Generated QR codes to get all the information about the desired record.</li><li>• Developed a website using Bootstrap. The clients can register and give information about the prices they offer. Developed a view for the admin containing all the existing records so that it is easy for him to compare.</li></ul>	<b>August 2014 - January 2015</b>

## PROJECTS

<b>Automated Essay Grader</b> <ul style="list-style-type: none"><li>• Developed an automated system to grade essays using Natural Language Processing and Machine Learning techniques.</li><li>• Used Support Vector Machine to train the system on the basis of features that focus on the structure and the semantics of the essays.</li><li>• Obtained 72.069% accuracy using SVM.</li><li>• Used python 2.7, Natural Language Toolkit, Textmining Library, Scikit-learn, Spell Checking Library Enchant, WEKA, and Wordnet for the same.</li></ul>	
<b>Desktop Application- Solar Consulting System</b> <ul style="list-style-type: none"><li>• Developed an application for keeping a track of manufacturers, clients, investors and solar panels involved in different transactions using the JAVA Swing Framework.</li><li>• Automated the feasibility report calculation for every client based on the usage of electricity, area available and the characteristics of the panels.</li><li>• Used Linear Regression to optimize the number of panels.</li><li>• Calculated the total rent to be given to the investors and the commission earned by the consultant from both-the manufacturers and the investors.</li></ul>	

- Developed a dashboard that contained the list of all the pending orders.
- Designed various UML diagrams to proceed through various stages of software building.
- Used MYSQL and XAMPP for maintaining database records.

#### **Automated Feedback System**

- Designed and developed an automated feedback system for a hotel chain - Sunny Group of Hotels, Mahabaleshwar, India.
- Developed a Dashboard to view all the feedbacks in an easy way. Segregated feedbacks into 3 categories: Day, Week, and Month.
- Used Vader Sentiment Analysis to classify the feedbacks.
- Included an additional search by date feature was to view any arbitrarily dated feedback using the owner login credentials.
- Implemented the dashboard website and the back end using PHP, JavaScript, Bootstrap, MySQL and XAMPP.

#### **Ecommerce Website**

- Developed an E-commerce website with two sessions – Admin and User.
- Developed a cart for every user and a panel containing his previous orders.
- Provided extra functionalities to the admin to add/remove products and block unsuitable users.
- Designed a mailer for the user for order confirmation.
- Used Ruby on Rails for development and postgresql for database management. The website was hosted using Heroku.

#### **Desktop Application- Amar Medical Store Management**

- Developed a software for Amar Medical Store that managed the resources of a medical store such as medicines, staff, and orders using python and MySQL.
- Provided with an invoicing facility along with inventory management of medicines and included automatic expiry check, medicine search, and prescription validation

### **COMPUTER SKILLS**

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- Programming Languages: C, Java, Python, Ruby.
- Web Technology: Ruby on Rails, HTML5, CSS3, JavaScript, jQuery, PHP, Bootstrap and Foundation Framework, CoffeeScript, haml, SCSS, ajax.
- Databases: MySQL and postgresSQL
- Integrated Development Environments: Spyder, WEKA, Eclipse, XAMPP, NetBeans, WX Form builder, Rational Rose.
- Version Control System : Git.

### **EXTRA-CURRICULAR ACTIVITIES**

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- Volunteered in a number of drives to collect funds for under privileged children and participated in teaching them at the Indian Development Foundation for over six months.
- Co-ordinated with the clients at the marketing internship at Laugh Out Loud Ventures.
- Publicity head (HOD) of Association for Computing Machinery (international student chapter) 2014-15 where I had to help in planning out the next event and ensure maximum attendance at these events while leading my team of 5.
- Member of the organizing team of the first Indian Nationals cubing competition. I was in charge of publicity and logistics.
- A Rubiks cuber with official best of 57 seconds.
- Participated and won in a number of Elocutions, Debates, Kavya pathans etc. in school.
- Graduate in Bharat Natyam with distinction. (Bachelor in Dance)
- Assisted the volunteering team of D.J. Sanghvi College Technical Fest, 2012.
- Participated in various events conducted by the National Service Scheme.