

EDUCATION

Dwarkadas J. Sanghvi College of Engineering, Mumbai University, India **August 2016**
Secured Bachelor of Engineering in Computer Engineering– 8.11 CGPA

TP Bhatia College, Mumbai, India **May 2012**
Secured *Distinction* (88%) in the Higher Secondary Certificate Examination

WORK EXPERIENCE

Mirraw.com, Mumbai **August 2016-Present**
Software Developer

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.

- My work includes:
 - Conducting research on what new features can be added to the website to improve user experience.
 - Developing the assigned features using Ruby on Rails framework, coffeescript, haml and postgresql.
 - Reviewing the existing codes and find ways to optimize it.
 - Writing data clips and scripts as per the request of the customer support/accounts team.
- Developed an Automated PDF invoice generation and backend calculation for monthly commission for the Accounts team.
- Incorporated features for Customer Review and Rating using ajax and Feedback via mailers.
- Implemented 'Added to Cart' information using caching.
- Integrated Rating filter using solr search and ajax.
- Developed a countdown timer displaying the end of discounts on every product page.
- Wrote integration and unit test cases using Rspec and Selenium WebDriver

Infoway Software Solutions, Mumbai **August 2014 - January 2015**
Software Developer(Intern)

Infoway Software Solutions develops Housing Industry Softwares since 1993. I was assigned Rajesh LifeSpaces, one of the leading builders of Mumbai.

- 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.
- Created printable(PDFs) address book, calendar and sticker formats. Generated QR codes to get all the information about the desired record.
- 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.
- Added a calling functionality so that the admin can directly call his employees via intercom. The last stage was performed in a team.

PROJECTS

Automated Essay Grader

- Developed an automated system to grade essays using Natural Language Processing and Machine Learning techniques.
- Used Support Vector Machine to train the system on the basis of features that focus on the structure and the semantics of the essays.
- Obtained 72.069% accuracy using SVM.
- Used python 2.7, Natural Language Toolkit, Textmining Library, Scikit-learn, Spell Checking Library Enchant, WEKA, and Wordnet for the same.

Desktop Application- Solar Consulting System

- Developed an application for keeping a track of manufacturers, clients, investors and solar panels involved in different transactions using the JAVA Swing Framework.
- Automated the feasibility report calculation for every client based on the usage of electricity, area available and the characteristics of the panels.
- Used Linear Regression to optimize the number of panels.

- Calculated the total rent to be given to the investors and the commission earned by the consultant from both-the manufacturers and the investors.
- 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

- 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 postgresQL
- Integrated Development Environments: Spyder, WEKA, Eclipse, XAMPP, NetBeans, WX Form builder, Rational Rose.
- Version Control System : Git.

EXTRA-CURRICULAR ACTIVITIES

- Volunteered in a number of drives to collect funds for under privileged children 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 NSS events such as Beach-Cleanup Drive, Blood Donation Drive and Newspaper Collection for recycling.