

OBJECTIVE

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Looking forward to a challenging position in an organization where I can use my skills and experience to the best of my ability and knowledge, to achieve my organization’s objectives and my overall career goals.

EDUCATION

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University at Albany - SUNY Albany, NY  
Masters of Science, Computer Science  
Current GPA: 3.59/4.0  
Expected Graduation: Dec 2016

Charotar University of Science and Technology, India  
Bachelor of Technology, Computer Engineering  
CGPA: 7.0/10.0  
Graduated: May 2014

RELEVANT EXPERIENCE

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NYS Dep. of Environmental Conservation - Database Application Developer Intern Jan 2016 - Present

- Coordinate the work with other technical staff to develop relational databases and secondary databases and database related application.
- Work with ends users, system analysts and developers to capture and document database requirements and assist in the application development, debugging and configuration and optimization from a database perspective.
- Participate in database design and architecture to support application development & migration of database.
- Technical Support including development and maintenance database, VB programming and application development also in fixing bugs, upgrading and redesigning the existing application.

iRacks Cloudtech Pvt Ltd, India - Junior Web Developer Sep 2014 - Jul 2015

- Creation of website layout / UI from provided design concepts by using standard HTML, CSS, JavaScript practices and maintained of existing systems and web applications.
- Design, create and databases per project needs and perform routine maintenance of websites and database. Aware colleagues to emerging technologies, applications web services 1(REST, SOAP etc.) and the opportunities to integrate them into operations and activities.
- Work closely with project managers and other members of the development team to both develop detailed specification documents with clear project deliverables and timelines.

Galaxy Technologies, Surat, India - Java Developer Intern Dec 2013 - May 2014  
Tools/Languages: Netbeans, Oracle 10g, JAVA, Spring MVC, HTML, CSS

- Contributed in redesigning and updating in the existing ERP web application called Standard Club System.
- It is integrated suite of applications that includes modules for project management, billing, accounting, inventory management, and purchasing. It’s all wrapped in fairly clean interface.
- It also packs a powerful reporting function.

Oman India Fertilizer CO. S.A.O.C, Oman - Oracle & Network Intern May 2014 - Jun 2014  
Tools/Languages: Oracle, Java, Network Configuration Tool, MS Office, HEAT

- Contributed in redesigning the OMIFCO website also learns about network configuration.
- Worked in a team of 10 people including Oracle developer, Designers, Network engineer.
- Help to setup & maintain the network in company. Solved on-site maintenance problems during the internship.

## SKILLS

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**Languages:** Java, C, Python, C++, VB, Spring MVC, Hibernate, Jersey, PHP,

**Operating Systems:** Windows, Linux, Ubuntu, OS X El Capitan, Backtrack

**Web Development Skills:** HTML, CSS, AJAX, JSP, jQuery, Backbone.js, React.js

**Databases:** Oracle, MySQL, Microsoft SQL Server, MongoDB, PostgreSQL, Access

**Source Code Management and other Tools:** Git, Github, TFS, Google App Engine, AWS

**Tools:** Eclipse, Visual Studio, Netbeans, IntelliJ IDEA, Adobe Dreamweaver, Xcode

**Networking:** TCP/IP - Socket Programming, Distributed Programming, Cloud Computing, MPI, OpenMP

## PROJECTS

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### A Framework for Imputation of Missing Values in Database

**Tools/Languages:** IntelliJ IDEA, MySQL Workbench, Java

- This is framework design in JAVA to deal with missing values in a real world database.
- Most of the real-world databases have the shortcoming of containing missing values so the main goal of this framework is to predict what the missing data values should be based on the existing data.
- Based on a variety of statistical analysis and machine learning approach in particular decision rule algorithm this framework predict possible value and impute it into the database.

### Predicting and Evaluating the Popularity of Online News

**Tools/Languages:** Python, Python Analysis Packages, Plotly from graphs.

- As a part of Automated Learning and Data Mining in Python, I have implemented Decision Tree, SVM, Naive Bayes, Random Forest to predict the popularity of various news article data from the UCI's Machine Learning repository. I constructed different models for classification and comparing performance.

### Distributed Execution System

**Tools/Languages:** C, UAlbany Cluster Environment, OpenMPI, Pthread and MPI

- It is simple distributed execution system which can run predefined set of functions or algorithms via a flat file in distributed manner so that several tasks can be run in parallel and the overall job can finish faster than a serial execution.
- Master node will distributed the tasks among the slaves until all task is completed.

### Standard Club System

**Tools/Languages:** Netbeans, Apache Server, Oracle 10g, Bootstrap, Spring MVC, JSP, jQuery, HTML.

- Designed a web application for firm that make their desired and assigned schedules, modify them and print them easily.
- It is akin to the ERP system for an organization to provide automated flow and management services.
- Worked mostly on back-end but also helped in front-end tasks & created responsive design.
- Prepared class design, database design using E-R diagrams. Created unit testing, and integration testing for the above applications.

### ERP System for Construction Firm

**Tools/Languages:** Adobe Dreamweaver, WAMP, Bootstrap, PHP, jQuery, HTML, CSS.

- Designed a web application for firm that make their desired and assigned schedules, modify them and print them easily.
- Created plan for group work and distributed tasks to the group members. Planned weekly or semi-weekly group meetings to keep track of everybody's progress and solve problems collaboratively
- It is akin to the ERP system for an organization to provide management services.
- Worked mostly on back-end but also helped in front-end tasks

### Library Management System

**Tools/Languages:** Netbeans, MS Access, Java

- Designed a desktop application for our hostel in order to simplify the task of managing a physical library consisting of individual inventory items such as books, tapes, optical media, etc.

### TruHealthCare Web Application

**Tools/Languages:** Adobe Dreamweaver, MySQL, Adobe Photoshop, PHP, HTML, CSS, JS, jQuery

- Build a web application for TruHealthCare organization, is an organization delighting the customers with pharmaceutical formulations and medical accessories all over the globe.
- Design a website and develop a site and done testing and improving the design and site until everything works as planned.
- Developed a strong website that’s easy for the search engines to catalog and indexing (SEO).
- Design a logo and other branding of site.

**Quick Note - Web Application**

**Tools/Languages:** Adobe Dreamweaver, HTML, CSS, Garlic.js

- Quick Note a small note taking tool actual web application for browser.
- I use it to help me remember things when browsing the web. It is simple web application to take a note. Data still will be there if you closed the browser.

**COMMUNITY SERVICE**

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**UAlbany Association for Computing Machinery, SUNY-Albany** Sep 2015 - Present

- Aim to provide help and guidance to the students in the college of computing and information.

**Indian Student Organization, SUNY-Albany** Sep 2015 - Present

- The organization aims to create a social network amongst campus community and give them an opportunity to continue enjoying typically Indian customs and traditions.

**Computer Society of India, CHARUSAT** Jul 2011 - May 2014

**eBIZ India Ltd (Learn & Grow), Anand India** Oct 2010- Dec 2012

- Encouraged kids to learn and create spark in for knowledge.
- Aware people about e-resources & internet and encourage them how to use it
- Worked with a diverse group of volunteers.

**OTHER ACTIVITIES**

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- **Certification:** National Level Math Convention (All India Ramanujan Mathematics Club).
- Played for soccer team at CHARUSAT & participate in intramural Soccer at UAlbany. Also actively participated in various sports activities & tech events for inter school.
- Volunteer in many events and member of social committee at CHARUSAT.
- Stood Second Position in ‘Web Clone’ and stood on top in ‘Code-E-Thon’ in cognizance 2012.