

RUCHITA TRIVEDI

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OBJECTIVE & SELF - REFLECTION

To utilize my knowledge and skills towards a challenging career in a growth oriented & leading-edge organization that recognizes and values individual contribution & will provide opportunity for continuing growth and advancement.

EXPERIENCE

10/2018 – 10/2019

SOFTWARE ENGINEER, SPACE APPLICATION CENTRE, ISRO

ITND INVENTORY:

Description:

- This web application is for all the employees as well as contract employees who work in SAC.
- ITND Inventory has different kinds of forms that have to be submitted for requesting new node, node shifting, creating email, thin client request for internet etc.
- There are 2 panels of this application. Admin panel and user panel.
- Admin can approve or delete request and User can update form information before admin approval.

Technologies used: JAVA, JavaScript, jQuery, AJAX, HTML/CSS, Bootstrap, MySQL.

Software used: NetBeans

02/2017 – 06/2018

FMS ENGINEER, SPACE APPLICATION CENTRE, ISRO

Description:

- I was responsible for briefing about activities of Indian Space Research Organization.
- Different types of launch vehicles and fuel, Satellites and their orbit, use of satellite, Solar system were main part of my orientation.
- People from all generation from Kinder Garden to University and working professional used to visit there.
- Apart from communication solve queries of curious visitors was another duty.
- On some special day celebration, I had to manage many groups and handle an event.

EDUCATION

01/2020 - PRESENT

WEB DESIGN AND DEVELOPMENT (3.84 GPA), CONESTOGA COLLEGE

PROGRAM HIGHLIGHTS:

- Developed Websites using HTML/CSS, Bootstrap, JavaScript, MEAN Stack, MySQL, REST API, jQuery, PHP, WordPress.
- Developed Android applications using JAVA, Firebase, SQLite 2.
- Learned to make Responsive Website Prototype and Wireframe using Adobe Photoshop.
- Learned to create graphical representation of data from SVG and JSON files using D3.js.
- Learned to use Google Analytics which is one of the most popular digital analytics software. It provides valuable insights that can help an individual to shape the success strategy of business.

07/2012 – 06/2016

BACHELOR OF COMPUTER ENGINEERING (3.3 GPA), GUJARAT TECHNOLOGICAL UNIVERSITY

PROGRAM HIGHLIGHTS:

- With the study of Operating Systems, acquired a solid foundation of multithreading, memory management, deadlocks, and thread synchronization.
- Learned Algorithms and Data Structures to solve complex problems faced during the development of a software.
- Learn about MVC architecture for separation of Model, View and Controller to maintain the application easily. Also, multiple developer can work on same application at a time without interrupting each other.

SKILLS

- Well versed with OOPS Concepts, Data structures, and Algorithms
- Proven ability to work in collaboration with small to large-sized groups.
- Solid understanding of Design patterns and their applications.
- Web technologies such as REST, HTML/CSS, jQuery, AJAX
- Experience in programming languages such as JAVA, C/C++, PHP , JavaScript, C#
- Knowledge about frameworks such as Node.js, ReactJS, Angular.js, WordPress, Bootstrap, Flutter
- Work experience in databases like MySQL, MongoDB which are most widely used worldwide.

TESTING SKILL SET

- Concepts on Core JAVA and writing script
- Selenium WebDriver
- TestNG Framework
- Configuration Management Tool- SVN
- Build Automation Tool- Maven
- Data Driven Testing
- Apache ANT

- Database testing using WebDriver
- Writing Test Scenario and Test Cases
- Data Driven Framework development using TestNG and WebDriver
- Bug management and tracking tool – **Mantis**
- Test management tool - **Test Link**
- Web testing techniques

PROJECTS

Blue Omega software (<https://github.com/ruchi8593/Blue-Omega-Software>) - A software company website developed using REST API, MEAN Stack following best practices to allow creation/updating/reading/deletion of Employee and Project data. Designed front end with custom CSS to display JSON data for Employees and Projects.

Clean – Express (<https://github.com/ruchi8593/Clean-Express>) – A cleaning consultancy application developed using Android, Java, Firebase, Google Map API to search cleaner according to area code. User can search cleaner and book cleaner.

Blue Bird Books (<https://github.com/ruchi8593/BlueBirdBooks>) – Online book store developed using PHP, MySQL, HTML/CSS and Bootstrap to allow user buy books online. Purchased book quantity will be automatically decreased from the table.