

RICHA DESAI

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CAREER OBJECTIVE

To pursue a challenging career.

ACADEMIC DETAILS

Qualification	Marks	Board/ University	Major	Year of Passing
10th STD	87.4%	CBSE	-	2011
12th STD	83%	CBSE	Science	2013
Bachelors in Technology	8.95/10 CGPA	Charotar University of Science and Technology	Information Technology	2017
Industrial Training	-	Company: Zeus Learning Pvt. Ltd., Mumbai	Web Development; Test Automation	(current employment)

MAJOR ACADEMIC PROJECT DETAILS

1) Grocery Application for Android Platform

Description: Grocery Application is an online shopping application of grocery items. Major functionalities include use of GPS to know the location of user and attractive GUI.

Team size: 2

2) Recommendation System (Machine Learning, Java)

Framework used: Apache Mahout

Description: The project focuses on algorithm used to generate quality recommendations based on object correlations.

Team size: 2

3) Password Generation Using Cryptography (HTML, CSS, JavaScript)

Description: The project used complex cryptographic algorithms to generate passwords that includes capital alphabets, digits etc. The user needs to remember only simple pin numbers.

Team size: 4

4) Scientific Calculator in Java

Description: The project contains functionalities that are not directly available in calculator applications such as finding average, sum of n numbers etc.

Team size: 2

5) Online Quiz in C++

Description: The main focus of this project is a module called 'lifeline' where the player use it to answer a question if he/she is not able to.

Team size: 2

INTERNSHIP EXPERIENCE

1) Test Automation (February 2017 – April 2017)

Place: Zeus Learning Pvt. Ltd., Mumbai

Description: Automated test scripts using Selenium Webdriver and Java programming language; Added modules in in-house framework used for automated test scripts (Pursued industrial training as part of 8th semester academics; Position: Software Engineer)

2) Training in HTML, CSS, JavaScript; Database, MS SQL (Jan-Feb 2017)

Place: Zeus Learning Pvt. Ltd., Mumbai

Description: Implemented web technologies in building practice web pages and used MS SQL to write queries and programs, considering coding standards and efficient coding

3) Android sensor data acquisition, storage and transfer - June 2016 (30 days)

Place: CHARUSAT Space Research and Technology Center, Changa, Gujarat

Team size: 2

4) Anomaly Detection by Automated Visual Surveillance Systems-June 2015 (15 days)

Place: Central Salt and Marine Chemicals Research Institute (CSMSRI), Bhavnagar, Gujarat

Description: Learned concepts of a novel technique to detect unusual activities in videos in an unsupervised manner

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, HTML, CSS, JavaScript, JQuery, MS SQL
- **Frameworks:** Apache Mahout, Angular2
- **Operating Systems:** Linux, Windows, Android, Raspbian
- **Software Test Automation:** Selenium Web-driver, Maven, TestNG
- **Development Tools:** Eclipse, Arduino, Android Studio, Proteus 8 Professional, Microsoft SQL server, Visual Studio
- **Others:** Git Extensions, Redmine

FIELD OF INTEREST: Data Structures, Algorithms, Object Oriented Technology, Research

ACHIEVEMENTS

- Qualified GATE 2017 (Computer Science) with score 381, marks 27.77
- Secured 1st city rank and AIR 180 in Indian Engineering Olympiad 2015-16
- Secured 2nd runner up position in Testimony 2016, the TCS national level Software Testing Contest, held on 27-28 July 2016, at TCS Sahyadri Park, Pune
- Received Elite certificate from NPTEL for course Design and Analysis of Algorithms
- Successfully demonstrated project “Online Quiz in C++” at Gala Industrial meet, CHARUSAT, Changa, Gujarat.
- Secured 1st position in Poster Presentation in the technical event S.H.E’ 16 organized by Dept. of IT, CHARUSAT, certified by CSI and IEEE.
- Collabera Student Ambassador
- Training and Placement Coordinator at CHARUSAT, Changa
- Secured O grade in English Language Test, IFSE, Institute for Scholastic Evaluation, session 2010-11 (during school)

WORKSHOPS/ ONLINE COURSES UNDERTAKEN

- Certificate of Completion for all three levels of the course iAssuarance IV, TCS
- Honor Code Certificate, Linux Foundation, edX, for the course Introduction to Linux
- Statement of Accomplishment for the course Relational Algebra from Stanford Online
- Attended workshop of PHONEGAP at FootPrints X5, MSU, Baroda
- Attended IEEE certified workshop for ROBOTICS at ADIT, Karamsad, Gujarat
- Attended Google Developer Group (GDG), Baroda 2015 session organized in Parul University, Baroda, Gujarat

EXTRACURRICULAR ACTIVITIES

- Anchor at the college cultural-fest – “SPOURAL 2014”
- Member of NGO named NSS (National Social Services)
- Organized Code-e-Web technical event on Annual Day
- All rounder for college girls cricket team
- Coordinator for Women Development Center (WDC) and Cell for Prevention of Sexual Harassment (CPSH), Dept. of IT, CSPIT
- Volunteer at various college events (Cognizance Technical Festival, Convocation etc.)

PERSONAL DETAILS

DOB: 14th August, 1995
Gender: Female
Father's Name: Prabhudas Desai
Permanent Address: Plot No. 564/A, Vijayrajnagar, Bhavnagar – 364001, Gujarat.
Languages Known: Gujarati (mother tongue), Hindi, English
Nationality: Indian
Hobbies: Chess, Cricket, Organizing events
Personal Strengths: Public speaking, Optimism

PROFESSIONAL REFERENCE:

Mr. Sagar Patel (Asst Professor, CSPIT)

E-mail: sagarpatel.it@charusat.ac.in

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DECLARATION

I Richa Desai, hereby declare that the above furnished information is correct to the best of my knowledge.

RICHA DESAI