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**Objective:**

I would like to work with your company where I can utilize my technical and academic skill for the growth of organization and thereby enhancing my personal and professional qualities.

**Academic Qualification:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Qualification** | **Subject/**  **Specialization** | **University/board** | **Name of the Institution** | **Year of passing** | **Class** |
| BTech | Computer Science  & Engineering | MG university  India | Sree  Buddha College  of  Engineering  for Women | 2015 | Grade : 8.07 out of 10  First class with honours |
| Diploma | Computer Science  & Engineering | Technical Education board | Govt polytechnic College | 2012 | Percentage: 80  First class with distinction |
| Plus two | P,C,M  General | Board of Higher  Secondary | St.Thomas Higher Secondary  School | 2009 | Percentage : 80  First class with distinction |
| Tenth | P,C,M  General | Board of Public  Exam | St.Thomas Higher  Secondary School | 2007 | Percentage : 84  First class with distinction |

**Technical Skills:**

* Programming Languages **:** C,C++,java,VB,VB.NET,visualC++,ASP.NET
* Web Technologies **:** HTML, JavaScript, JSP, PHP, PERL, XHTML
* Databases **:** MS-SQL Server, Oracle
* Operating system **:** Windows 98/2000/XP/vista/W7/W8/W8.1,Linux
* Packages  **:** MS Office(MS Excel, MS Word, MS power point), Internet, Networking, LAN

**Project Work:**

**BTech Project:**

**Main project**

**Topic**   **: Online payment System using Steganography**

**And Visual Cryptography**

**Description**:

A rapid growth in E-Commerce market is seen in recent time throughout the world. This project presents a new approach for providing limited information only that is necessary for fund transfer during online shopping thereby safeguarding customer data and increasing customer confidence and preventing identity theft. The method uses combined application of steganography and visual cryptography for this purpose.

**Practical application** : used in many online transaction, Banking etc.

**Technical tool to develop project** : front end-C#,ASP.net, back end- SQL server 2012

**Team Size** : 4

**Mini projects**

**Topic**   **: Secure Multipart File Transfer**

**Description**: Secure multipart file transfer provide secure reliable fast data transmission over the network. Sender provide a password and receiver must know the same password. During transmission data is converted into encrypted form (cipher format) and split file into user specified size and send over the network. We can use either TCP or UDP protocol for transferring. Sender can transmit data in different receivers by using different password. Data can have image or video or document.

**Practical application** : used in email, whatsApp, used as an apps

**Technical tool to develop project** : front end- java, no backend

**Team Size** : 4

**Diploma Projects:**

**Main project**

Topic  **: Airline Reservation System**

Description: Airline Reservation System contains airline schedules, fare tariffs, passenger and ticket records. An airline inventory contains all flights with their available seats. The inventory of an airline is generally divides into service classes. One of the core functions of inventory control it steers how many seats are available in the different booking classes, by opening and closing individual classes for sail. In combination with face and booking conditions stored in the fare quote system. The price for each seat is determined.

**Practical application** : used in airport, travel agency’s etc.

**Technical tool to develop project** : front end-VB.net, back end- SQL server 2005

**Team Size** : 4

**Mini project**

**Topic : CAES (computer Aided Examination System)**

**Description:** CAES (computer Aided Examination System) helps the user to conduct examination very easily. The student can know their mark without waiting a simple moment after writing their exam. CAES resists the mal-practicing based on examination validation and good requirements. The exam coordinator conducts the exam for the eligible students.

**Practical application :** online bank test, online aptitude test etc.

**Technical tool to develop project** : front end-VB, back end-SQL Server 2000

**Team Size** : single

**Industrial Visit:**

Name of the organization : Visual IQ in infopark Cochin.

Department Visited : IT

Name of the organization : Govt. Radio Astrology Center Ooty.

Department Visited : Science

**Seminar paper presentation:**

**BTech Seminar**

**Name of the Topic** : fgCAPTCHA genetically optimized face

image captcha(IEEE 2014 Paper)

**Seminar Description**: CAPTCHA (Completely Automated Public Turing Test to Tell Computers and Humans Apart) is one major example of a security tool that is not yet mobile user-friendly. This approach mitigates the shortcomings of existing approaches and proposes new CAPTCHA, termed as fgCAPTCHA, which leverages touch screen technology in mobile devices to make CAPTCHAs user-friendly and intuitive. fgCAPTCHA presents users with a composite image containing several visually distorted human faces along with other objects and non-real faces embedded in a complex background pattern. The proposed genetically optimized fgCAPTCHA works efficiently on both touch screens used by tablets and smart phones and on traditional computers, achieving a high 88% human accuracy rate during evaluation. It does so without compromising performance, offering an effective 0% automated attack rate.

**Diploma Seminar**

**Name of the topic**  : different types of searching algorithm

**Description**: Searching is to find out the data is found or not. There are many searching strategies is used to find out the data. Linear search, binary search, search trees and hashing. The simplest type searching is linear search but it is low efficiency and time consuming. So it is overcome by using binary searching is used. Here searching is performed aftersorting. Search trees and hashing is fast method but it is complex. In many applications hash method is used. It is more efficient than other methods but complex.

**Training programs:**

* Visual Basic and SQL server 2000
* VB.net and SQL server 2005
* Java, JSP and SQL Server 2005
* C#, HTML, JavaScript and SQL server 2008
* Ethical Hacking and Cyber Security
* Networking

**Hobbies/Interests:**

* Cooking
* Gardening
* Dancing

**Strengths:**

* Adaptable to new environment.
* Committed to my work and Determined.
* Mingle with anyone.
* Keen learner with constant zest to acquire new skills.

**Personal Profile:**

Date of Birth **:** 31-10-1991

Gender **:** Female

Marital Status **:** Married

Languages known **:** English, Malayalam(Read, Write , Speak)

Hindi(Read, Write, Speak(not Fluent)

Tamil (Speak)