# DIKSHA

**♀** New Delhi- 110092, India

@ diksha.2895@gmail.com

% diksha-rathi.github.io

# **WORK EXPERIENCE**

#### Internship

### Oil and Natural Gas Corporation (ONGC)

May - June 2016

New Delhi, India

Built an application to generate ABAP List Viewer (ALV) Report by retrieving data from multiple tables using F4 help object to select records. The application developed had the flexibility to allow retrieving data from any number of linked tables as selected by the user before executing the application.

• Technology used- ABAP

### Internship

#### **HCL Infotech Limited**

# June - July 2015

♥ Noida, India

Developed a web application to make searching for nearby hospitals, fire stations, restaurants, parks, metro stations and police stations easy. The user enters the district or city name. A search provides the top 20 nearest results with Address, Local Phone Number and International Phone Number for the selected category.

- Technology used- HTML, CSS, Python, Python Google Places, Bootstrap and Django Framework
- Link- https://find-my-perfect-place.herokuapp.com/

# **PROJECTS**

Link to the source code of the projects: GitHub

#### SafeBox

## September 2016 - May 2017

- Objective- Securely share data across the cloud storage and implement access controls on shared data.
- Technology Used- HTML, CSS, Python, PostgreSQL, Django
   Framework, Google Drive API and Google Oauth2client package for Django
- Supervisor- Mr. Sumit Yadav, Assistant Professor

#### **Smart Bin**

**♀** GHC (India) Hackathon

- Objective- Resolve problems related to garbage collection and segregation for a Bangalore based NGO (Reap Benefit).
- Technology used- HTML, CSS, Python, D3, PostgreSQL, Google Maps, Bootstrap and Diango Framework
- Demo- https://youtu.be/UP\_KwSg6GIk/

# College Portal

Ctober - November 2016

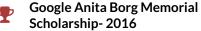
- Objective- Build a central information system to allow students at university to quickly access to any academic information, previous year question papers, upcoming events and much more.
- Technology Used- HTML, CSS, Python, PostgreSQL, Bootstrap and Django Framework
- Link- http://igdtuwonline.herokuapp.com/

# **AWARDS**



# Inspiring women in Technology

Felicitated by Accenture on the occasion of International Women's Day 2017 for empowering women in the community



One of the 50 scholarship recipients of this prestigious scholarship from Asia-Pacific. Received a scholarship amount of INR 100000 from Google.

# Google Travel Grants

An all expenses paid opportunity to attend the Grace Hopper Conference India 2016.

# Grace Hopper Conference India Scholarship

One of the 180 full student scholarship recipients to attend the the Grace Hopper Conference India 2015.

# **SKILLS**

**JAVA** 

**Programming Languages:** 

Python CPP C Django Framework Bootstrap Framework JavaScript LaTeX ABAP Database Proficiency: MySQL, PostGreSQL

Others: Git, NS2simulator, Wamp, Xamp, Weka, Logisim

Operating System: Windows, Linux, Mac OS

# CONNECT

% Website | Blog: diksha-rathi.github.io

Github: diksha-rathi
 in LinkedIn: diksharathi
 ✓ Twitter: @diksha\_28795
 № Pinterest: @diksha2895

Hackerrank: codegirl1995 CodeChef: codegirl1995

#### Alumni Association Website

# June- July 2015

- Objective- A website with integrated forum for the college alumni and the students to interact and stay connected.
- Technology Used- HTML, CSS, PHP, MySQL, Bootstrap and CodoForum Framework
- Link-https://goo.gl/TeoPKN
- Supervisor- Mr. Vivekanad Jha, Professor

#### Taarangana Website

Movember 2015- January 2016

Website for college's annual cultural festival.

- Objective- The information source for all the events and a platform for the teams to register.
- Technology Used- HTML, CSS, PHP and Bootstrap Framework

# **ACADEMIC ACHIEVEMENTS**

- Qualified for ACM- ICPC Asia (India) 2016 Regional and participated in preliminary online qualifier round of ACM- ICPC Asia (India) 2015.
- First position in Research Showcase 2016 held at Indira Gandhi Delhi Technical University, Delhi, India.
- Awarded a scholarship of INR 7500 each year in classes XI and XII for academic excellence (Senior Secondary).
- School topper in Class X (Secondary) CBSE Board exams.

# **POSITION OF RESPONSIBILITY**

### Training and Placement Cell: Computer Science (CS) Department Lead

🛗 January 2016 - May 2017

- **♀** IGDTU
- Designed the training and placement brochure.
- Interact with the potential recruiters and maintain student Resume Bank and Corporate Database for facilitating placement of 300+ students.

# CodeBenders- Programming Club: Founder and Core Team Member

## June 2014 - December 2016

**♀** IGDTU

Founded the first programming club at university with the aim to encourage girls to contribute to open source projects and participate in programming challenges like ACM- ICPC, Code Jam, Hacker Cup etc.

# Taarangana- Annual Cultural Festival: Core Team Member

March 2015- February 2016

**♀** IGDTU

Lead a team of 12 for the development of website. Also, managed the presence of event on Social Media.

#### Editor:

- 2015: Chief- Editor from CS Department for college's annual newsletter- Bits and Bytes.
- 2013- 2015: Associate Editor at Computer Society of India Student Chapter of university.

# **VOLUNTEER EXPERIENCE**

I worked as a mentor for documentation/ outreach with Systers as part of Google Code-In competition to introduce 13 to 18 year-old kids to open source

Education Tree 

September 2013 – November 2013

I was involved with a campaign to spread awareness for crimes against women.

# **EDUCATION**

### **B. Tech. in Computer Science**

Indira Gandhi Delhi Technical University for Women (IGDTU)

**2017** 

Oelhi, India

Percentage: 79.15

#### **SENIOR SECONDARY (CBSE)**

#### Ahlcon Public School

₩ 2013

Oelhi, India

Percentage: 89.25

# **SECONDARY (CBSE)**

Bal Bhavan Public School

**#** 2011

CGPA: 10/10

Oelhi, India

# **EXTRA-CURRICULAR**

- Exhibit on Community Health and environment won first prize in Annual Science Exhibition 2010 at Zonal and District Level, and qualified for State Level. The event was hosted by Government of NCT Delhi.
- An active participant in extempore and debate competitions and have won various accolades.
- First prize in TATA essay writing competition 2006.
- Qualified for semi-finals in Volleyball at Zonal level 2006.

# **COURSEWORK**

#### **UNDERGRADUATE**

- Discrete Mathematics
- Algorithm Design and Analysis
- Computer Networks
- Database Management System
- Data Structure
- Operating System
- Theory of Computation
- Compiler Design
- Computer Organization and Architecture
- Data Warehousing and Data Mining
- Engineering Economics
- Financial Accounting