DIKSHA

New Delhi, 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

September – November 2015   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 Django Framework
- Demo- https://youtu.be/UP_KwSg6GIk/

College Portal

October – 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

Google Anita Borg Memorial Scholarship- 2016
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

Programming Languages:

Language	Proficiency
Python	●●●●● ○
CPP	●●●● ○
C	●●●● ○
Django Framework	●●●● ○
Bootstrap Framework	●●●● ○
JavaScript	●●● ○○
LaTeX	●●● ○○
ABAP	●● ○○○
JAVA	●● ○○○

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
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

📅 November 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 2016** Regional.
- First position in Research Showcase– 2016 held at Indira Gandhi Delhi Technical University, Delhi, India.
- Participated in preliminary Online round of **ACM- ICPC 2015**.
- 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

Google Code-In   📅 November 2016 — January 2017

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   📍 Delhi, India

Percentage: 79.15

SENIOR SECONDARY (CBSE)

Ahlcon Public School

📅 2013   📍 Delhi, India

Percentage: 89.25

SECONDARY (CBSE)

Bal Bhavan Public School

📅 2011   📍 Delhi, India

CGPA: 10/10

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.
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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