

WORK EXPERIENCE

Qualitest – India Pvt. Ltd.

Jul. 2019 – Aug. 2019

*Cyber Security Research Intern under Mr. Abhishek Singh.
Bengaluru, IN*

- Worked under an ISTQB Certified Penetration Tester for a period of five weeks as a trainee.
- Partook in training programs and assisted in monitoring the detection and exploitation of various kinds of vulnerabilities in Client Projects.

Hawx Media

Jan. 2020 – Apr. 2020

*Web Development Intern / Android Development Intern
Bengaluru, IN*

- Developed a Client-side Android Application for logging and tracking Employee traffic in a firm.
- Designed Web APIs and developed a completely functional locally deployed database to log and store Web Application data.

Women Techmakers by Google

Apr. 2020 – Present

Member

Bengaluru, IN

- Partook in International Conferences held by Google for Women – Women Techmakers.

Google DSC Head

Sept. 2020 – Present

Cybersecurity Head & Outreach and PR Lead

Bengaluru, IN

- Head of the DSC community at Sri Venkateshwara College of Engineering, Bengaluru.
- <https://dsc.community.dev/sri-venkateshwara-college-of-engineering/>

PROJECTS

Art Gallery Web Application

Oct. 2020 – Nov. 2020

Research Project

- **Overview:** A Java web application that is a collection of Servlets, Java Server Pages and Java classes with a MySQL Database backend.
- **Objective:** This application is an interface between the artists and the customers, where the customers browse art works and purchase an art through an external source and participate in auction by submitting their bids.
- **Progress:** Created a fully functional frontend with a backend and deployed the application on a local server.

Android Mobile Application for logging Employee Data

Jan. 2020 – Apr. 2020

Developed during the Internship period at Hawx Media, Bangalore

- **Overview:** An Android based Mobile application developed using Java and Firebase authentication.
- **Objective:** To log, track and extract data relevant to currently employed employees in the client's firm where it is also used as a medium of status updation and mass communication.
- **Result:** Developed the Application and handed over to the firm's client.

Agglomerative Hierarchical Clustering: Analysis and Prediction

Jun.2020 – Jun. 2020

Research Project using a Customer Dataset (Kaggle)

- **Overview:** It makes a business problem a clustering problem because the final categories for the given data are unknown. So, our target is to group customers and find clusters.
- **Objective:** Perform exploratory data analysis and build a prediction model.
- **Result:** A model that segregates data into clusters using the Hierarchical Clustering Algorithm.

Freelance Client Project

- **Overview:** The prime objective of the website is to help Indian farmers trade crops, goods and find the right source of buyers.
- **Objective:** To connect buyers and farmers through a portal.
- **Result:** Webpage hosted at <http://belesamparka.in/farmer>

Other Noteworthy Projects:

- **Penetration Testing Projects:** Tested Live Web Applications.
- **Movie Ticket Booking System:** Implemented using C++.
- **FIFA 2017 Data Analysis:** Used a Kaggle Dataset to analyse data using RapidMiner Studio.

EDUCATION**Sri Venkateshwara College of Engineering****2017 – 2021***Bangalore, Karnataka.**B.E, Information Science and Engineering.*

- CGPA: 8.30
- Been awarded the Merit Certificate for Academics in 2019.
- A core member of the Google Facilitator Program on campus.
- Member of the IEEE Student Chapter 2017 – 2021.

SEM	SGPA
1	8.17
2	8.50
3	8.30
4	8.12
5	8.15

Mount Carmel Pre-University College**2015 – 2017***Bangalore, Karnataka**Pre-University (PCMB)*

- Percentage: 84.1%
- University Topper in English for the Academic Year 2015 – 2016

Siddhartha High School**2013 – 2015***Bangalore, Karnataka**Grade 10*

- Percentage: 94.2%
- Best Outgoing Student for the Academic Year 2014 – 2015
- Awarded the Pratibha Puraskara by the Govt. of Karnataka for excellence in Academics.

ACCOLADES & CERTIFICATIONS:**Accolades:**

- **AWS Day Conference:** Awarded US \$25 worth credits for pitching ideas on the AWS Platform.
- Panelist on a **National Level** Panel Discussion with **Smt. Smriti Irani** (Union Minister, India)

Certifications:

- **Coursera:** GCP Fundamentals, May 2020 ; Web Application Security Testing, June 2020
- **Cisco:** Introduction to Cybersecurity, May 2020
- **University of Helsinki:** Elements of AI, August 2020.

SKILLS & INTERESTS

Skills: Penetration Testing, Security Testing for Web Applications, Web development (Full Stack), Android Development, Database Handling (MySQL and Oracle SQL), Data Mining Algorithms, Idea Pitching, Oratory Skills.

Tools & IDE: NetBeans, Burp Suite, Nessus, Metasploitable, WireShark, MySQL Workbench, Oracle SQL.

Interests: Astronomy and Celestial Objects, Writing, Voracious Reader, Travelling, Animals.