Rupali Bawa

LinkedIn | Website

EDUCATION

B.Tech - CSE	Punjabi University, Patiala	**8.23 CGPA**	2018-21
Diploma – CE (Hons.)	Government Polytechnic College for Girls, Patiala	**77.58% (Rank 1)**	2015-18
Class X	Sri Aurobindo International School, Patiala	**9.2 CGPA**	2004-15

ACADEMIC ACHIEVEMENTS

Gold Medalist IndiaSkills 2018 (ITSSB)	• State Level – created **mobile and desktop solutions** for Marathon 2018, in under **4 hours** • District Level – created a BMI calculating app as per the given criteria (**90%** match), under **2 hours**	2018
Academic Topper	• **1st position** for academics in Government Polytechnic College for Girls, Patiala	2015-18
	• Among **top 10** students in Auro Mirra Centre of Education, Patiala	2005-12
Scholarship	• Granted **Fee-Waiver Scholarship** on the basis of merit in JET Exam; **75% fee waived**	2015-18
MOOCs Coursera	• Completed 'Introduction to Financial Markets' from **Indian School of Business** with **100%**	2020
	• Completed 'Python for Everybody' from **University of Michigan** (Specialization of **five courses**) with **98.59%** grade	2018

PROJECTS

PageRank Implementation	• Implemented **PageRank algorithm**, developed by Larry Page and Sergey Brin, it's the algorithm used by google search • Most of the code was written in **Python** script, stored in **sqlite3** database and visualized using **d3.js** library	2019
Marathon 2018	• Stood **first** for completing a desktop app and mobile app in **under 4 hours** among all the participating district toppers (State Level) • Single-handedly designed and implemented all the aspects of the application (UI, databases, etc.)	2018
Hangman	• Classic game of Hangman, created using **Python3** and **Tkinter** • Wrote **450+ lines** of code in **1.5 hour**	2020

TRAININGS

Gitstein Technologies	**Trainee**	• Worked on **Core Java** concepts and **object oriented programming** • Project: **Desktop Controls**, to monitor ongoing activities on a desktop screen in real time and report to the head of the office	2017
	Trainee (Android Dev)	• Implemented various **android** concepts to solve real life problems. • Project: **GPCG App**, built an app for my diploma college to show all the college related info including notices, admission processes, results, datesheets, etc.	2018
	Trainee	• Worked on **Python** and **data handling** technologies using python • Project: **Web Scraper**, a compact web scraper that scraped through Wikipedia to collect data	2019

POSITIONS OF RESPONSIBILITIES

Volunteer CommonDove	• **Created and managed** page for Education Relief and Welfare Section, Patiala • Raised awareness about the ERAWS Section; gaining **17+ followers** and **15+ new registrations** on the page	2020
Member Motorsport Club	• Team member of **Data Science** group; which aimed at practicing and teaching new members about data science concepts using python and online moocs	2018-19
Class Representative GPCG Patiala	• **Managed attendance**, assignments collection and distribution, **funds collections**, etc. • Assisted teachers in preparing **class databases**, result databases, circulate information, etc.	2016-18
Ambassador Election Commission, Patiala	• Represented GPCG, Patiala; Reported directly to **Deputy Commissioner**, Patiala • Conducted various activities like **organizing Rallies, slogans and other competitions** to **raise awareness** about the elections	2017
Volunteer NSS, Patiala	• Participated in various events related to preserving environment, planting more trees, road safety awareness camps, etc.	2017, 2018

EXTRA-CURRICULAR ACTIVITIES

Yoga	• Participated in **38th National** Yogasana Sports Championship at Ranchi; **Silver medal** at State level • Participated in **39th National** Yogasana Sports Championship at Hyderabad	2013, 2014
Karate	• **1st position** in Inter Class Karate Championship • Received **Orange Belt,** 7th Kyu of Karate	2009

Hobbies: Reading novels, articles or blogs; Teaching others or providing other academic help; Cooking

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