Rupali Bawa

Computer Science Student

TECHNICAL SKILLS

> Java (proficient)
> MySQL (proficient)
> Python (experienced)
> C/C++ (experienced)
> Android (experienced)
> PL/SQL (experienced)
> Oracle SQL (familiar)
> JavaScript (familiar)
> HTML (familiar)

OTHER ACTIVITIES

> **Gold Medallist** in Punjab Skills State Competition 2018
> **National Level** Yoga Player (2013 and 2014)
> **Volunteer** at CommonDove, social representation
> **NSS Volunteer** at GPCG, Patiala
> Member of Placement club and Motorsport club at Punjabi University, Patiala
> Member of Environment and Technical Club at GPCG, Patiala

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EDUCATION

[2018-2021]
Punjabi University, Patiala

Bachelors of Technology – Computer Science and Engineering

> Overall CGPA – 8.23/10.0

[2015-2018]
Government Polytechnic College for Girls, Patiala

Diploma in Computer Engineering

> **Institute Rank 1** in academics

EXPERIENCE

[Summer 2017] [Summer 2019]
Gitstein Technologies, Patiala

Summer Trainee

> **Python Project** – Wiki Scraper, a compact web scraper that scraped through Wikipedia to collect data.
> **Java Project** – Desktop Controls, a desktop app which facilitated capturing screenshots and constant monitoring of desktop screen.

[January 2018-March 2018]
Gitstein Technologies, Patiala

Trainee – Android Development (Team Leader)

> **Project** – **GPCG App**, a mobile developed for my diploma college to alert students about various notices and events occurring in the college. Used Firebase for database

PROJECTS

PageRank Implementation

> Implemented PageRank algorithm, developed 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

Marathon 2018

> **Stood first** for completing a desktop app and mobile app **in under 4 hours** among all the participating district toppers
> Single-handedly designed and implemented all the aspects of the application (UI, databases, etc.)

Hangman

> Classic game of Hangman, created using Python3 and Tkinter
> Wrote **450+ lines of code in 1.5 hour**