Gautam Khaire

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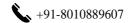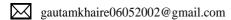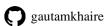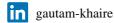
EDUCATION

Pune Institute of Computer Technology (PICT), Savitribai Phule Pune University (SPPU)   **2020 - 2024**
- Bachelor of Engineering (B.E) in Computer Engineering | **CGPA: 9.59 / 10** (Till semester 5)
- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management System.

Arihant College of Arts Commerce and Science, Camp   **2018-2020**
- HSC (Class XII) | **Aggregate : 91.23 %**

Rosary School And Junior College, Camp   **2016-2018**
- SSC (Class X) | **Aggregate : 90.00 %**

SKILLS

- **Languages:** C++ (Proficient), C, OOPS, MySQL, Python.
- **Web Development:** HTML, CSS, Bootstrap, JavaScript, ReactJS, MongoDB.
- **Familiar:** Git, MaterialUI, Figma, Adobe Photoshop.

PROJECTS

Fit & Fab Club – *ReactJS, MaterialUI, API*   **(Github Link)**
- Implemented an **API-based** application with the functionality to **choose exercises categorized by specific body parts.**
- Added the feature to browse **1000+ practical examples**, exercise details, and fetch related videos from YouTube that display similar exercises.

ClashFree – *Python tkinter, ReportLab, ML algorithms*   **(Github Link)**
- An automatic, user-friendly **timetable builder** and **validator** to solve **complex scheduling conflicts.**
- Automatic **subject suggestions** using the genetic algorithm, **drag-and-drop UI**, **importing** data from existing files to save input time, and **exporting** student-friendly timetables of a particular class.

Finterest – *HTML, CSS, JavaScript, Bootstrap, Ajax*   **(Github Link)**
- Financial Advisor web application that **generates a Personal Financial Planner** and provides the functionality of **portfolio diversification**.
- I**nterfacing the webpage with Google Sheets** via a predefined google form.

Employee Attendance Management System –*MySQL, OpenCV, Pyzbar, Qrcode*   **(Github Link)**
- Prepared a python script that **manages the attendance**, **generates the ID and QR code** for new employees, detects QR code, and **stores a record of attendance**.
- It will store the **date and time** at which the QR code is scanned.

PUBLICATION

"**A Modern Approach to Electoral Delimitation using the Quadtree Data Structure**", IEEE 1st International Conference on Cognitive Computing and Engineering Education (ICCCEE), April 2023.

ACHIEVEMENTS

- **PICT Impetus and Concepts (InC):** Secured **1st place** in **Application Development** domain.
- Solved **800+ questions** on **LeetCode**, **HackerRank** & **InterviewBit**.
- **6 Star** at **Hackerrank** in **Problem Solving**.
- Secured **99.57** percentile in MHT-CET, ranked **574** out of **4.5 Lakhs** participants.
- Stood the **fifth runner-up** in national level **Cube competition**.

POSITION OF RESPONSIBILITY

PCSB PICT
- Worked with Web Development Team for developing Website for annual flagship event – Xenia'22.
- Contributed with Data Team for the annual flagship event – Xenia'22.

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