Gaurav Pahwa

gauravpahwa2204@gmail.com | gpahwa_be20@thapar.edu

EDUCATION

THAPAR UNIVERSITY
BE in Computer Engineering
Sep 2020 - Jul 2024 | Patiala, PB
Thapar Institute Of
Engineering and Technology
CGPA: 9.26 / 10.0

ST. THOMAS SEN. SEC. SCHOOL
Senior Secondary (12th)
Apr 2019 - Apr 2020 | Ludhiana, PB
92.8%

ST. THOMAS SEN. SEC. SCHOOL
Matriculation (10th)
Apr 2017 - Apr 2018 | Ludhiana, PB
90.4%

LINKS

Leetcode:// **gauravvv2204**
CodeChef:// **gauravvv2204**
Codeforces:// **gauravvv2204**
LinkedIn:// **Gaurav Pahwa**
Github:// **gauravvv2204**

COURSEWORK

UNDERGRADUATE
Data Structure and Algorithms
Computer and Network Security
Secure Coding
Cyber Forensics
Database Management Systems
Operating Systems
Computer Networks

SKILLS

PROGRAMMING
Java • SQL • OOPS •
Data Structures• Algorithms
Familiar:
C++ • C • Python
Git • Solidity • Django
Matlab • MongoDB • NodeJS

PROJECTS

FinSage Aug 2023 – Aug 2023
Django • Google Translate API • Bootstrap
Contributed to the development and integration of an recommendation system, utilizing user's preknowledge on modules, and implemented user engagement features including the 'like' functionality for Finsage, a financial literacy app. Collaborated within a team to enhance user experience and engagement, while also incorporating language support through the integration of the Google Translate API.

Cipher Craft Oct 2022 – Nov 2022
Django • Python • Bootstrap
Cipher Craft is a user friendly web application for security enthusiasts and users trying to secure their data . It consists of cryptography algorithms and some game solvers. It has built using Django and Bootstrap.
- Designed the components of forms to render them as as Single Page Application.
- Added a option to add ciphers/solvers to favourites for logged-in users.

Password Management System May 2022 – Jun 2022
Java • PL/SQL • JavaMail API
Worked with **Kunal Demla** to implement a Password Management System from Scratch which uses a master password to access all other passwords . The master password is stored in a hashed format using SHA256. All other account passwords are stored after encrypting them with RSA. Each user is assigned a unique set of RSA Keys. Forgot Password functionality has also been added for which a OTP is sent to user's email..

ACHIEVEMENTS

2023 Achieved rating of **1992** on Leetcode(KNIGHT - TOP **3%**)
2023 Achieved rating of **1820** on CodeChef(Max. - 4 Star)
2023 Secured global rank **335/24528 (1.3%)** in LeetCode Weekly Contest 355
2023 Was Selected for JPMC CodeForGood Hackathon'23 **(28/1000+ Selected)**
2023 Recipient of TIET Merit Scholarship for being in top **3%** Students[2021-2022]
2023 **1000+** Questions across Leetcode, GFG, CodeChef, CodeForces
2023 Won LeetCode annual badge 2022: Solved problems for 300+ days in 2022
2022 Achieved Perfect 10 SGPA in 4th Sem

LANGUAGES

English • Hindi • Punjabi

INTERESTS

Finance • Cricket