

SOUMI PANDIT

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PROFILE SUMMARY

Aspiring Software Intern with proficient communication skills, a proactive mindset, and team experience. Expertise in designing, developing and maintaining software systems to increase organizational productivity and performance. Bringing forth a motivated attitude and a variety of powerful skills to help the company and my future peers grow to make a considerable difference to the company and help in their consequent success

TECHNICAL SKILLS

- Programming languages : Python, C++, Java, Html, Css, Js
- Tools and Technologies: SQL, DBMS, Figma, ML
- Methodologies: Front End development, issue investigation, maintenance, complaints handling
- Design and Prototyping: Wireframing, Sketching, Prototyping, Mockups, User Research
- Other: Windows OS, Google Cloud Platform

EDUCATION

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| BE Computer Science and engineering Chandigarh University CGPA: 8.15 (current) | 2021-2025 |
| Intermediate Matriculation Army Public School Percentage: 10 th - 93.2 12 th - 92.6 | 2019-2021 |

PROJECTS

ORB : AI-Powered Interactive Assistant

- Description: Developed a React-based application leveraging OpenAI technology to provide advanced features.
- Features: Real-time language translation, query generation, movie summaries, grammar correction, and intuitive UI/UX design.
- Technologies: HTML, CSS, React, UI/UX Fundamentals, Open AI API.
- Contributions: Led development, designed user interface, integrated OpenAI APIs, and optimized front-end performance for enhanced user experience.

Blog Website

- Description: Created a platform allowing users to post, add, and delete blogs across various genres.
- Features: Post, add, and delete blogs across various genres with a responsive design and an intuitive home page.
- Technologies: HTML, CSS, Js.
- Contributions: Developed the website using HTML, CSS, and JavaScript, implemented responsive design, created functionality for adding and deleting blog posts, and oversaw project quality, including color schemes and feature positioning.

Bank Management System

- Description: Developed a Python and SQL-based application for efficient banking operations, including account and loan management, with secure admin oversight.
- Features: Manage accounts, perform transactions, access admin panel with password protection, and calculate loan interest and payments.
- Technologies: Python, SQL
- Contributions: Led the development of Python code for database connection and management with SQL, ensuring seamless integration and functionality.

Breast Cancer Prediction Model

- Description: Developed a breast cancer prediction model system in Python using Kaggle's Excel dataset, evaluating classifiers achieving highest accuracy.
- Features: Predicts breast cancer as malignant or benign using a dataset with 32 features, with the ridge classifier achieving the highest accuracy.
- Technologies: Python, Kaggle (Excel dataset), Machine Learning Libraries.
- Contributions: Led the team, developed the Python code for model training and testing, evaluated classifier accuracy, and documented the results.

File Compression with Huffman Coding

- Description: Developed file compression software using Huffman coding, achieving 50% average size reduction and maintaining data integrity with 2:1 compression ratios.
- Features: Compresses files by 50% on average with 2:1 compression ratios, maintaining data integrity through a user-friendly interface.
- Technologies: Java, Huffman Coding.
- Contributions: Analyzed data, developed and coded the Huffman compression algorithm, and performed error checking to ensure software functionality.

CERTIFICATIONS

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| 1. | Google UX Design Professional Certificate <i>Coursera</i> | 2024 |
| 2. | Real Estate Price Prediction <i>GDG</i> | 2023 |
| 3. | Web Development <i>Immensephere</i> | 2022 |
| 4. | SQL and relational database <i>IBM</i> | 2022 |
| 5. | Inspirational + Practical Leadership skills <i>Linkedin</i> | 2022 |
| 6. | Python <i>Hackerrank</i> | |

ACHIEVEMENTS

- Winner in Bits and Bytes competition by IIM
- Top 5 in Stratabattle 2.0 (Case study)
- Semi Finalist in Tale of Sustainable India Challenge
- Gold Medallist in Science/Computer Olympiad
- State level Champion in Spell Bee

EXTRA CO-CURRICULAR ACTIVITIES

- Participant of game of Codes under IEEE WIE
- Participant in Research and Innovation to SDG under IEEE
- Member of Coding Bootcamp under Cu
- Volunteer at Women's day Organization
- Head Girl, Student Council

KEY SKILLS

- Analytical and Strategic Thinking
- Strong Communication Skills
- Articulate Presentation
- Collaborative Team Player
- Quick Learner
- Expertise in Documentation
- Curious
- Empathetic Approach

LANGUAGES

- English
- Hindi
- Bengali

HOBBIES

- Painting
- Reading
- Singing