

Cheenakshi

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SUMMARY

Dedicated software engineer with a solid foundation in backend operations and data management. Eager to expand knowledge and skills in cutting-edge technologies. Committed to delivering high-quality solutions and continuously learning to stay at the forefront of the industry.

EXPERIENCE

Ayasya Digital Solutions

March 2023 – Present

Associate Technology L1

Delhi, India

- Engaged in a variety of client initiatives while acquiring substantial practical experience.
- Effectively managed back-end operations, focusing on optimizing REST API functionalities.
- Enhanced API performance by **60%** through query refinement and code refactoring
- Exhibit proficiency in the field of data management.
- Expertly developed an advanced Employee Management System in Java, demonstrating unmatched capabilities for scalability and maintenance.
- Constructed a conversation bot driven by artificial intelligence utilizing ReactJS, Python, Streamlit, Langchain, NLP, and OpenAI.

EDUCATION

Indira Gandhi Delhi Technical University for Women

Delhi, India

Masters in Computer Applications-Information Technology (SGPA: 8.36)

2021 - 2023

Kalindi College, University of Delhi

Delhi, India

B.Sc.(Hons.) Computer Science (CGPA: 8)

2018 - 2021

Columbia Foundation School

May 2018

12th Standard, Science Stream (Percentage: 85.8)

Delhi, India

Adarsh Secondary School

May 2016

10th Standard (CGPA: 9.4)

Delhi, India

TECHNICAL SKILLS

Languages: Java, Python, JavaScript

Frameworks: Spring Boot, Flask, Ajax, MVC

Databases: MySQL, Postgres, SQLite

Developer Tools: Git, GitHub, AEM(CMS), Maven

ML & AI: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Langchain, Streamlit

Other: LLD, Data Structures & Algorithms, Object-Oriented Programming (OOP)

PROJECTS

Employee Management System Website | *Java, MySQL, HTML/CSS, JavaScript*

- Designed an Employee Management System in Java GUI with a SQLite database, focusing on ensuring data integrity through a user-friendly interface and secure administrative access.
- Implemented features to facilitate data retrieval and update, reducing errors and increasing employee record management efficiency.

Face Recognition Based Attendance | *Python, ML, Tkinter*

- Utilized Haarcascade for face recognition, with the frontend built in Tkinter and the backend fueled by Python.
- Implemented LBPH for resolving image pixel fixations.
- Integrated a student management system to store information and images pertaining to individual students.
- Upon analyzing the student's record in the database, the detector presents specific student information and modifies attendance in the CSV file.

IPL Score Prediction | *Python, Machine Learning Algorithms, HTML/CSS, Flask*

- Developed a web application using machine learning techniques and Flask to forecast IPL scores.
- Engaged in faculty-led research and authored a scholarly article pertaining to the application of machine learning techniques in forecasting IPL scores.

EXTRA-CURRICULAR ACTIVITIES

- Mentor at Desh Ke Mentor: A program started by the Government of Delhi with the objective of giving education and career guidance to students of classes 10-12th.
- Certified in JAVA (NPTEL) and in HTML, CSS, and JavaScript (Udemy)
- Member of Web Development circle (GDSC/IGDTUW) and DSA Circle (Lean @IGDTUW)
- Volunteered for college charity, raising funds for flood-affected individuals in Kerala.