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 Online Grocery Store in Flask, 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

Online Grocery Store Website | *Python, Flask, MySQL, HTML/CSS, JavaScript* ↗

- Developed an online grocery store application using Python and Flask, featuring functionalities like product listing, add to cart, browse products, manage their cart, and order placement.
- Designed a user-friendly front-end with HTML, CSS, and JavaScript, ensuring seamless interaction with the Flask back-end.
- Implemented a secure login system with OTP authentication using Flask-Login and Twilio API, enhancing user security and convenience.
- Built a comprehensive admin panel to allow administrators to add new products, manage existing products, update product prices, and oversee product details, ensuring efficient store management.
- Integrated a payment gateway for seamless transaction processing, ensuring secure and efficient order payments.
- Designed and maintained a relational database using MySQL to manage product inventory, user profiles, and order history.

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 ACTIVITES

- 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.