Priyansh Singh

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SUMMARY

I am Priyansh Singh, a motivated MERN Stack Developer currently pursuing a Bachelor of Engineering degree from Chandigarh University. With a strong foundation in web development technologies and frameworks, as well as proficiency in Data Structures and Algorithms, I possess problem-solving abilities, making me a valuable asset to any development team. I am eager to contribute my expertise to innovative web development projects.

EDUCATION

- **Chandigarh Univrsity**   Mohali, India
  Bachelor of Engineering - Computer Science and Engineering; GPA: 8.30(5 Semesters)   *June 2020 - June 2024*
  Courses: *Data Structures-Algorithms, Operating Systems, AI-ML, Computer Networking, DBMS, Data Mining, Software Testing*

- **GRM School**   Bareilly, India
  Intermediate - 87.6%   *2018-19*

- **Delhi Public School**   Bareilly, India
  Matriculation - 95%   *2017-18*

SKILLS SUMMARY

- **Languages**:   C/C++, JAVA, Python, HTML-CSS, JavaScript, SQL
- **Frameworks**:   NodeJS, ReactJS, Matreial-UI, Bootstrap, React-Bootstrap, Express, RWeka, Django, Flask, Tkinter
- **Tools**:   GIT/GitHub, PowerBI, MS Excel, Jupyter, MySQL, SQLite, Latex
- **Databases**:   MongoDB, Mongoose, MySQL
- **Platforms**:   Linux, Web, Windows, Arduino
- **Soft Skills**:   Quick Learner, Public Speaking, Time Management

PROJECTS

- **Algorithm Vision (HTML, CSS, JavaScript, ReactJS, NodeJS)**:
  - Aims to provide interactive visualizations of **sorting** and **path finding** algorithms
  - Built using **HTML, CSS, JavaScript** and **ReactJS**
  - Helps users understand the working of various algorithms and their **time complexity**

- **Movie Recommendation System (Python, Sklearn, Jupyter)**:
  - Developed a platform for multi-media recommendations (movies, TV/web series) based on user-entered keywords
  - Utilized machine learning model with libraries such as **Numpy**, **Pandas**, and **SKlearn**
  - Implemented **Cosine Similarity** and **Multi-Dimensional Vector Plotting** techniques in the model
  - Utilized the model to provide recommendations by **analyzing the similarity** between user-provided keywords and existing multimedia data

- **BlogPost (HTML-CSS-JS, NodeJS/Express, MongoDB, ReactJS, Material-UI)**:
  - Designed and implemented a landing page using **React** and **Material-UI**
  - Integrated with **MongoDB** to fetch and visualize blogs
  - Made it a **single-page application** by routing the frontend using **React-Router-Dom v6**

- **Say Hello (HTML-CSS, Python, Flask, Heroku)**:
  - Frontend developed using **HTML, CSS, JavaScript**, and **React**. Backend developed using **Flask**. Hosted the project using **Heroku**.

- **Hospital Management System (HTML-CSS-JS, XAMPP, phpMyAdmin)**:
  - Developed a platform for managing patient records in a medical facility
  - Designed front-end using **HTML, CSS, and JavaScript**. Built the backend using **XAMPP** and **phpMyAdmin**
  - Logged activities and interactions with the database on the **phpMyAdmin** interface

ACHIEVEMENTS

- **Level 1 - Freelancer on Fiverr**: Music Production, FL Studio, Marketing-Sales
  Sold thousands of self made music tracks all around the globe on the Freelancing platform Fiverr

- **National IT Cutting Edge Festival**: HTML-CSS-JavaScript
  Made a static website on Digital India. Went to the finals in around a set of 200 teams from various Delhi Public School's

AWARDS AND CERTIFICATIONS

- Silver Medalist + Elite Badge: Software Testing by NPTEL (Swayam)
- Elite Badge: Data Mining by NPTEL (Swayam)