Priyansh Singh

Portfolio: priyanshsingh.github.io/portfolio/
Github: github.com/priyanshsingh
LinkedIn: linkedin.com/in/priyanshsingh1401/

Email: priyanshsingh248@gmail.com
Mobile: +91-731-0756-276
LeetCode : leetcode.com/priyanshsingh1401
HackerRank: hackerrank.com/priyanshsingh141

SUMMARY

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: **8.27(6 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%   *2016-17*

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, Docker, Dockerhub, PowerBI, MS Excel, Jupyter, MySQL, SQLite, Latex
- **Databases**:   MongoDB, MySQL
- **Platforms**:   Linux, Web, Windows, Arduino
- **Soft Skills**:   Quick Learner, Public Speaking, Time Management

PROJECTS

- **Algorithm Vision (HTML, CSS, JavaScript, ReactJS, NodeJS)**:
  - Implemented the project using **MERN Stack** to visualize **sorting** and **path-finding algorithms**.
  - Facilitated better understanding of algorithm behavior and **time complexity** for users.

- **StripeConnect (HTML, CSS, NodeJS, React, Express, MongoDB, Render, Stripe API)**:
  - Created a **single-page application** with **React.js** front-end and **Node.js/Express** back-end for a **dynamic user experience**.
  - Established secure user registration and authentication, **encrypting** data with **bcrypt.js** and storing it in MongoDB.
  - Integrated payment gateway using **Stripe API**, allowing users make payments using test credit card number.
  - **Limited** the number of operation to **25 operations per second** for each in test mode of the API for smooth experience.

- **Movie Recommendation System (Python, Sklearn, Jupyter)**:
  - Developed a multimedia recommendation platform (movies, TV/web series) based on **user-entered keywords**.
  - Utilized machine learning techniques and libraries, including Numpy, Pandas, and Sklearn.
  - Implemented **Cosine Similarity** and **Multi-Dimensional Vector Plotting** to enhance recommendation accuracy.

- **BlogPost (HTML-CSS-JS, NodeJS/Express, MongoDB, ReactJS, Material-UI)**:
  - Designed and implemented a **single-page application** using React and Material-UI.
  - Integrated MongoDB to **fetch** and **visualize blogs** for a seamless user experience.
  - Transformed the project into a single-page application by leveraging **React-Router-Dom v6**.

- **Say Hello (HTML-CSS, Python, Flask, Heroku)**:
  - Developed frontend using HTML, CSS, JavaScript, and React, and backend using **Flask**.
  - Hosted the project on **Heroku** for easy accessibility.

ACHIEVEMENTS

- **Level 1 - Freelancer on Fiverr (2020 - Present)**: 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 (2017)**: 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)