JAYANT SINGH BHOJ

EMail ID — (+91) 8800508791 — LinkedIn

PROFESSIONAL SUMMARY

Full stack web developer with expertise in front-end development.

TECHNICAL SKILLS

- **Programming Languages:** C++, C, JAVA, SQL
- **Technologies:**
  - Frontend: HTML, CSS, JavaScript, React.js, Redux
  - Backend: Node.js, Express.js, Axios, Zod, Postman
  - Databases: MongoDB and Mongoose, mySQL and PostgreSQL
- **Tools and Software:** Microsoft Office Suite (Word, PowerPoint, Excel)

EXPERIENCE

Goldman Sachs Engineering Program   Remote
Cybersecurity Job Simulation   April 2023

- Identified & implemented Bcrypt hashing algorithm to protect passwords.
- Established controls such as periodic changes in salt values and prohibiting the use of dictionary words to make cracking harder for hackers.
- Analysed organization's password policy & enforced stronger requirements including 8-character minimum length and special characters, reducing risk by 80%.
  Tools/ Frameworks Used: Bcrypt hashing algorithm, salt value management system, password policy analysis tools, encryption algorithms, password cracking prevention tools.

PROJECTS

GenAI Virtual Assistant   Project Link — Project Demo — Project Code

- Built a clone of Gemini AI using Gemini API and React.js
- Designed an intuitive user interface for seamless interaction
- Engineered a comprehensive solution for natural language processing and conversation generation, mimicking the capabilities of Gemini AI.
  Tools/ Frameworks Used: React.js, CSS, Gemini Api, Netlify.

CarDekho: Credit Card Validation   Project Link — Project Demo — Project Code

- Developed a credit card number validation website resulting in a 25% increase in accuracy and a 20% reduction in processing time for users and systems dealing with credit card numbers.
- Created a simple frontend using React.js and Animate CSS
  Tools/ Frameworks Used: React.js, CSS, Luhn Algorithm, Netlify.

CERTIFICATIONS

Data Structures and Algorithms   Certificate Link
Coding Ninjas

- Successfully completed the Data Structures and Algorithms course by Coding Ninjas, mastering concepts in C++ and solving over 150 questions to deepen comprehension and proficiency in the subject matter.

Data-driven Decision Making   Certificate Link
PwC Coursera

- Attained a comprehensive understanding of data and analytics frameworks, including Big Data concepts and insights from PwC, culminating in the successful completion of a real-world project analyzing a client's organization and developing a strategic plan covering all four aspects of the data analysis framework for actionable insights.
  Skills Acquired: Data-Informed Decision-Making, Big Data, Data Analysis using Python, SAS & R, Data Visualization using QlikView.

EDUCATION

Manipal University Jaipur   Enrolled: Sept 2022 — Expected: July 2026
B.Tech in Information Technology   GPA 7.93
Ryan International School   July 2022
10+2 (CBSE)   Percentage: 85

COURSEWORK

Object Oriented Programming, Operating System, Database Management System