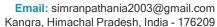


SIMRAN B.Tech. - Computer Science & Engineering

Ph: +91-6230435964





BRIEF SUMMARY

Dedicated Computer Science and Engineering Student with Proficient skills in C++ and Python, seeking full-time or contract full-stack opportunities. Passionate about recognizing patterns, innovative solutions, and self-improvement. A determined learner with interests in contemporary art, music, and connecting with others, always striving to enhance skills and knowledge.

EDUCATION

Chandigarh University 2021 - 2025

B.Tech. - Computer Science & Engineering | CGPA: 8.16 / 10

Th. Kanshi Ram Memorial Sen. Sec. School Chetru, Kangra 2020 - 2021

12th | HPBOSE | Percentage: **90.40 / 100**

Adarsh Model Public School Tiara, Kangra 2018 - 2019

10th | HPBOSE | Percentage: 80.20/100

TRAINING

Internshala Taining | Web development Intern | CSE

10 Aug, 2023 - 10 Sep, 2023

- The training provides learning in HTML, CSS, and MySql, covering fundamental concepts and required web development skills fully.
- It offers hands-on experience through projects, enabling participants to apply knowledge and gain confidence in web development.

PROJECTS

Perplexcity-ai-app | Key Skills: Software Engineering, AIML, Web API

01 Jan, 2023 - 10 Jun, 2024

- Developed and deployed AI-powered Learning Management System utilizing machine learning and NLP to enhance performance analytics.
- Personalized learning, and user engagement, resulting in improved learner satisfaction and retention rates, and reduced administrative tasks for teachers.

Al Powered Search Engine | Key Skills: Software Engineering, AIML, API

05 Jun, 2022 - 01 Jan, 2023

- Led development of genAI, an AI-powered search engine leveraging NLP and machine learning, with scalable backend infrastructure.
- User-centric design, built using ReactJS, Node.js, Elasticsearch, and Google APIs enhanced search functionality and personalize user experience.

SKILLS

Languages: C/C++, Python, Java **Frontend**: HTML, CSS, JavaScript

Clouds & Database: MYSQL, AWS

Technical Tools: MS-Word, PowerPoint, VS code, Power Bi, Figma Interpersonal Skills: Leadership Skills, Public Speaking, Time Management

PUBLICATIONS & RESEARCH

[1] Simran, Sonu kumar and N. T. Singh (Nov. 2023). "The AI Shield and Red AI Framework: Machine Learning Solutions for Cyber Threat Intelligence(CTI)". In: 2024 International Conference on Intelligent Systems for Cybersecurity (ISCS) 100.18, pp. 1–7.

[2] Simran , Sonu Kumar and N. T. Singh (Nov. 2023). "Enhancing Contextual Understanding in GPT through Multimodal Pre-training". In: 2023 International Conference on the Confluence of Advancements in Robotics, Vision and Interdisciplinary Technology Management (IC-RVITM) 100.18, pp. 1–7.

[3] Simran, Sonu kumar and N. T. Singh (Mar. 2024). "Quantum Intelligence: Merging Al and Quantum Computing for Unprecedented Power". In: 2024 International Conference on "Trends in Quantum Computing and Emerging Business Technologies" (TQCEBT) 100.18, pp. 1–7.