Tanish

+91-7494896065

Roll No :21BCS6321
B.TECH(Hons)
Artifical Ingelligence and Machine learning
Chandigarh University,Gharuan

tanishkaur03@gmail.com
21BCS6321@cuchd.in
Github/Tanish-03
Linkedin/Tanish Kaur

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CSE)	Chandigarh University, Gharuan	8.02	2021-2025
Senior Secondary	CBSE Board	85%	2021
Secondary	CBSE Board	86%	2019

EXPERIENCE

- **Samsung research and development** — June 2023 - Present
  Prism Intern — Remote
  - Developed a sophisticated device leveraging cutting-edge technologies such as Memgraph, KnowledgeGraph, and Graph Machine Learning to accurately predict human activity.
  - Implemented robust algorithms and data models within the device, enabling real-time analysis and interpretation of complex activity patterns.

- **Oasis Infobyte** — July. 2023 - Aug. 2023
  Frontend Intern — Delhi, India
  - Developed a responsive website using HTML, CSS,JavaScript,Spring Boot and MySql integrating user authentication, and checkout functionality.

PROJECTS

- **WeatherVue**
  WeatherVue offers weather forecasts and insights, ensuring you're always prepared for whatever Nature sends your way
  - Spearheaded the development of "WeatherVue," a cutting-edge weather application offering real-time updates and forecasts.
  - Implemented intuitive user interface design and comprehensive features to enhance user experience and accessibility.
  - Leveraged advanced technologies to ensure accurate weather data retrieval and presentation.
  - Tools & technologies used: HTML, CSS, JavaScript,React.js,Git

- **TrackPass: Simplified Railway Registration Experience**
  Designed a gateway to hassle-free railway registration experience. With intuitive design and seamless functionality
  - Simplified the cumbersome railway registration process into an intuitive and user-friendly interface, reducing complexity and time spent on booking tickets.
  - Implemented robust validation mechanisms to ensure accurate data entry, minimizing errors and enhancing the overall booking experience.
  - Tools technologies used: HTML, CSS, JavaScript,React.js,Git,SQL

RESEARCH EXPERIENCE

- **Human Activity Detection Using Deep Learning** Led the development of advanced algorithms and technologies for human activity detection using deep learning techniques, resulting in a publication in the International Journal of Advances in Electrical Engineering, and designed a user-friendly frontend interface with intuitive navigation and detailed activity descriptions.
- **Illegal Forum Detection** Led the Illegal Forum Detection project at Chandigarh University, Punjab, India, developing advanced algorithms using Natural Language Processing and Machine Learning to identify illicit online platforms. Designed and implemented a user-friendly frontend interface with HTML, CSS, JavaScript, and ReactJS

TECHNICAL SKILLS

- **Programming:** C,C++,Java,Python,HTML,CSS,Javascript,Servlets
- **Tools & OS:** Git, Jupyter Notebook,Google Colab
- **Libraries/Frameworks:** Hibernate,Spring,SpringBoot,JDBC,Pandas,scikit-learn, Tensorflow,GraphML
- **Computer science fundamentals:** DBMS, Operating system, Computer networks

CERTIFICATIONS AND ACHIEVEMENTS

- **Oracle-Java certification**
- **IBM DataScience certification**
- **Published researcher**