SHUBHANG AARYA

Ranchi,Jharkhand

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Career Objective: *An extremely motivated and dedicated student of computer science and engineering (CSE) who is passionate about machine learning and its practical applications. I enjoy tackling complicated problems and taking on new challenges, so I'm eager to investigate and learn about cuttingedge technologies. My desire to learn about intelligent systems and my dedication to ongoing study and development in this dynamic subject are what motivate me.*

My objective is to use technology and research to positively impact culture and make an essential contribution to creative projects.

Education:

- **Bachelor of Technology** (Computer Science and Engineering), Sikkim Manipal Institute of Technology, 2023 (Status – Pursuing; Univ Reg No 202300644)

Skill Set:

Technology:	Emerging Fields:
a) Operating System: Windows/macOS/Linux b) Languages: C/C++/Python/SQL/mongoDB/HTML/CSS c) Office Suite: Word / Excel / Powerpoint	a) Artificial Intelligence b) Database Management System c) Data Science d) DSA e) Internet of Things (IoT) f) Speech Processing g) UI/UX Design

Projects:-

1.Cancer Cell Classification Using CNNs

Brief of Project :- Implimented a Deep Learning-Based Classification model for histopathology images. Used CNNs to differentiate between healthy and cancerous cells.Potential application in early cancer detection and medical diagnostcs.

2.MyBudgetAI – Smart Financial Assistant

Brief of Project :- Designed an AI-powered personal finance assistant that helps users track and manage their expenses by analyzing bank statements.

- Automatically **categorizes expenses** into relevant groups (e.g., groceries, utilities, entertainment) using **ML/NLP techniques**.
- Identifies **spending trends** and generates visual insights through charts and graphs.
- Provides **personalized savings recommendations** based on spending behavior.

Tech Stack:

- **NLP/ML:** SpaCy, TensorFlow
- **Frontend:** React or Vue.js

3.Virtual Legal Assistant – LegalTech Automation for Government

Project Overview:
Built a legal document retrieval system and virtual legal assistant for the Office of the Advocate General,

Government of Sikkim, aimed at streamlining access to legal documents and assisting users with legal queries.

Key Features:

- **Automated Legal Document Retrieval:** Indexed and organized legal documents for quick search and access using NLP and semantic search.
- **Virtual Legal Assistant:** Integrated an AI assistant to answer user queries based on document data, FAQs, and legal precedents.
- **User-Friendly Interface:** Designed a responsive frontend for legal professionals and citizens to easily interact with the system.

Tech Stack:

- **NLP/AI:** OpenAI/GPT, Sentence-BERT, Elasticsearch
- **Backend:** Node.js / Python (FastAPI)
- **Frontend:** React.js

Workshops / Trainings Attended
1. Headra (Block Chain)
2. Excel workshop
3. Neural Network and Deep Learning (DeepLearning.AI)
4. Web Development Workshop – Google Developer Student Clubs (GDSC)
5. Cybersecurity Workshop – Google Developer Student Clubs (GDSC)
6. UI/UX Design Workshop – Google Developer Student Clubs (GDSC)
7. Full Stack Development Course – Coursera (by IBM)

Educational Details

Qualification	Name of Institute	Name of Board / University	Year of Passing	Percentage of Marks	Remarks
B.Tech (CSE)	SMIT	SMU	2027	7.83 (in scale of 10)	Pursuing
Class XII	DAV PUBLIC SCHOOL – (Hazaribagh)	CBSE	2023	68%	NA

Class X	DAV PUBLIC SCHOOL – (Hazaribagh)	CBSE	2021	87%	NA

Other Interests / Hobbies

1. basketball
2. Esports(valorant,cs2,etc.)
3. Badminton
4. Cricket
5. Vollyball

Personal Information

Date of Birth:
09-September-2005

Gender: Male

Nationality: Indian

Marital Status: Single

Language Proficiencies:

English, Hindi

Permanent Address:

Kargil Chawk,Hurhuru Road,Hazaribag, Jharkhand

Declaration: I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Shubhang Aarya