

# P INDHU SHREE

[Medium Blog](#) ◇ [Portfolio Website](#)

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## OBJECTIVE

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MSc Advanced Computer Science student at University of Birmingham with strong experience in AI, data analysis, and business intelligence reporting. Seeking full-time roles in Data Science, Business Intelligence, or Software Engineering where I can contribute technical and analytical skills to impactful projects.

## EDUCATION

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**MSc Advanced Computer Science**, University of Birmingham, UK 2025 – 2026

**B.Tech in Computer Science and Engineering**, Dayananda Sagar University, Bangalore 2021 – 2025  
CGPA: 9.63 / 10

**PUC / 12th Grade**, State Board 2020 – 2021  
Percentage: 99.83%

**10th Grade**, CBSE 2019 – 2020  
Percentage: 96.2%

## SKILLS

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<b>Programming</b>	Python, C, HTML, CSS, JavaScript
<b>Frameworks</b>	Flask, Streamlit
<b>Databases</b>	MySQL, Snowflake
<b>BI</b>	Power BI
<b>Cloud &amp; APIs</b>	Azure, OpenAI API, Gemini API, Google APIs
<b>Tools</b>	GitHub, Jupyter, ECharts
<b>Soft Skills</b>	Communication, Teamwork, Adaptability
<b>Currently Exploring</b>	React.js, Node.js, Docker, PostgreSQL

## EXPERIENCE

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**Business Intelligence Intern — Boomi Software India Pvt Ltd (Onsite)** Jan 2025 – Jul 2025

- Built and automated enterprise dashboards using Power BI for various departments.
- Worked with Snowflake and SQL to extract, transform, and visualize business data.

**AI & Analytics Intern — Cognizant, Bangalore (Onsite)** Jun 2025 – Jul 2025

- Designed a chat-based business report generator using SQL and BI charting.
- Used Gemini API and NLP techniques to transform user queries into dynamic SQL.

**AI Intern — Infosys (Remote)** Apr 2025 – May 2025

- Developed an AI Resume Matchmaker tool using OpenAI, Streamlit, and Qdrant.
- Implemented PDF/ZIP processing, semantic search, and resume ranking logic.
- Enhanced accuracy using TF-IDF and BERT models with Random Forest classification.

**Web Development Intern — CodeClause (Remote)** 2024

- Built dynamic Flask-based websites and APIs with JavaScript integrations.

## PROJECTS

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**BI Reporting using Chat Interface.** Chat-based system to generate business reports using SQL queries and BI charts. Integrated Azure, Google APIs, and NLP logic.

**Centralised Healthcare Management System.** Flask app with audio/chat interface for medicine info, doctor bookings, and lab tests using gTTS and Python.

**AI Resume Matchmaker.** Resume-ranking system using NLP and vector similarity search. Built using **Python, Streamlit, OpenAI API, Qdrant, RandomForest**. Enabled PDF/ZIP uploads and TF-IDF/BERT scoring models for accuracy.

**Handwritten Digit, Character, and Text Recognition.** Developed a computer vision system using Python, TensorFlow, and scikit-learn to accurately recognize handwritten digits, characters, and text from various sources including paper scans and touchscreen inputs. Applied preprocessing and classification models to improve accuracy for real-world handwriting inputs.

**AI StudyMate (Virtual Learning System).** Final-year project selected for the 6th IEEE India Council International Subsections Conference. Built an intelligent study assistant using Gemini API and DeepSeek model to generate accurate answers and summarize textbook content. Integrated Retrieval-Augmented Generation (RAG) with LoRA-based supervised training and ChromaDB vector search to ensure topic relevance from uploaded PDFs and YouTube transcripts.

- Technologies: Python, RAG, ChromaDB, DeepSeek, Reinforcement Learning, PDF Transcript Summarization.
- Features: Personalized learning via NLP, intelligent QA, contextual summarization, and interactive learning workflows.

## LEADERSHIP EXTRACURRICULAR

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- Finalist, Cognizant TechnoVerse Hackathon — Centralised Healthcare Management System(2023).
- Blog writer on [Medium](#), sharing project-based content. Wrote an article during the HumanAlze Hackathon to showcase "AI StudyMate (Virtual learning system)" project.
- Paper selected for presentation at 6th IEEE India Council International Subsections Conference for the project AI StudyMate (Virtual learning system).

## CERTIFICATIONS

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**SQL and Relational Databases 101 (IBM Cognitive Class)** – Certificate ID: 526267610e84399632b2c4f742d4

**AWS Academy Graduate – Cloud Foundations** (60 hours) – Issued Oct 2024 [\[Verify\]](#)

**Prompt Engineering for ChatGPT – Vanderbilt University (Coursera)** – Completed Sep 2023

**Power BI for Data Analysis** – Completed Apr 2023

## HOBBIES

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Listening to music,reading books