

Shubham Yadav

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GITHUB | LINKEDIN | HACKERRANK

EDUCATION

IILM COLLEGE OF ENGINEERING & TECHNOLOGY

COMPUTER SCIENCE & ENGINEERING B.TECH

CGPA: 8 (current)

2021 - 2025
Greater Noida, India

SAINIK SCHOOL KUNJPURA

AISSCE

Percentage: 90%

2019 - 2021
Karnal, Haryana

SAINIK SCHOOL KUNJPURA

AISSE

Percentage: 95%

2017 - 2019
Karnal, Haryana

EXPERIENCE

MORPHAI | Co-FOUNDER

Delhi | DEC 2023 – MAY 2024

- Fine-tuned LLMs such as GPT-4, Llama2, etc. for in-house product development and diverse businesses.
- Integrated RAG pipelines with the fine-tuned LLMs to enhance performance.
- Developed multiple solutions and proof-of-concepts resulting in a 10X return on investment and 4X productivity improvement for businesses within 6-10 weeks of integration.

STOCKBRAIN | QUANT INTERN

Delhi | JUL 2023 – NOV 2023

- Spearheaded development of recommendation systems and chatbots at StockBrain, leveraging LSTM, RNN, random forest classifier, and support vector machines for stock forecasting.
- Contributed to real-world projects in algorithmic trading and quantitative finance, collaborating with industry experts.
- Applied deep learning techniques and classical machine learning methods to optimize software solutions.
- Demonstrated proficiency in state-of-the-art technologies and tools, including practical experience with algorithmic trading and financial technology.

GOOGLE DEVELOPER STUDENT CLUBS | PROJECTS HEAD IILM UNIVERSITY Greater NOIDA | AUG 2023 – APRIL 2024

- GDSC, an organ of Google, dedicated to fostering peer learning, technology education, and networking opportunities for undergraduate and graduate students.
- Organized workshops, events, and projects to enhance technical skills and build professional networks.
- Managed project lifecycles, from planning to execution, ensuring objectives were met on schedule.
- Led teams by allocating resources, resolving conflicts, and tracking progress to achieve project goals.

SKILLS

PROGRAMMING LANGUAGES

LIBRARIES/Frameworks

TOOLS / PLATFORMS

DATABASES

Python, MySQL, C, C++, HTML, CSS, Bootstrap, JS

Scikit-Learn, NumPy, Pandas, Matplotlib, Statsmodels

Git, Notion, Gradio

SQLite, MongoDB

PROJECTS / OPEN-SOURCE

MORPHAI

Python, Langchain, OpenAI, ChromaDB, and Hugging Face

- Fine-tuned and integrated RAG pipelines on LLMs such as GPT-4, GPT-3.5 T, Llama2, etc.
- Developed code showcasing document-based retrieval, dynamic web searches, and interactive GPT-based chatbots.
- Resulted in 2X faster research & analysis, 4X productivity, 30% cost savings, 98% accuracy, and a customer satisfaction rating of 4.8/5.

GHOOMO INDIA

Python, Flask, React.js, TensorFlow, Hugging Face, Travel APIs, MongoDB

Project: GHOOMO INDIA

- Developed a user-friendly chatbot using advanced language models and Rest APIs for personalized travel recommendations.
- Implemented conversational interface for natural interaction and dynamic content integration for up-to-date flight and hotel information.
- Tailored personalized recommendations by analyzing user queries and behaviors.
- Integrated deep learning techniques for accurate understanding and response to natural language queries.
- Enabled intelligent conversations and context-aware responses using a large language model.

STRESS-PASSERS

Python, Django, TensorFlow, MRI Imaging Libraries, Web-Dev, MongoDB,

Project: STRESS-PASSERS

- A comprehensive platform aimed at improving mental health through multiple components:
- Website offering resources and strategies for enhancing mental well-being.
- Implemented a model for analyzing MRI brain scans, particularly focusing on Alzheimer's disease detection and staging, catering to underprivileged populations.
- Integrated a web blog posting site to facilitate open discussions and sharing of experiences and treatments for Alzheimer's disease, fostering a supportive and informative community environment.

CERTIFICATIONS

- SQL - **HACKERRANK**
- THE ARCADE, Level1: Sports Data - **GOOGLE**
- THE ARCADE, Level3: GenAI - **GOOGLE**
- Introduction to Generative AI - **GOOGLE**

HONORS & AWARDS

- NCC cadet and achieved A & B certificates.
- Athlete since childhood represented school at district level and state level competitions.
- Represented Sainik School Kunjpura at national level debate competition held at BITS Pilani.
- Best Debater at school level (Sainik School Kunjpura)
- Academic Scholarship issued by IILM CET, granting 40% tuition fee waiver
- Secured 2nd and 3rd position in science and maths olympiad respectively at school level.