

Piyush Gupta

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LinkedIn Leetcode Github Portfolio

EDUCATION

Year	Degree/Exam	Institute	Marks/ CGPA
2020 - 2024	B.Tech CST With Specialization in ML & AI	Graphic Era University, Dehradun	8.89/10
2020	12 th , C.B.S.E	Doon Public School, Haldwani	75.4%
2018	10 th , C.B.S.E	Doon Public School, Haldwani	81%

PROJECTS

- **Travel Diary** (Jan'23)
 - Engineered a high-impact **Travel Blog Project** with ReactJS and NodeJS, showcasing a captivating platform that immerses users in a virtual expedition.
 - Led the development of a progressive travel platform by seamlessly integrating the robustness of **ReactJS** for the frontend with the flexibility of **NodeJS and MongoDB** for the backend, resulting in an immersive travel experience.
 - Pioneered the implementation of personalized **travel profiles**, enabling users to meticulously record their adventures, track visited destinations, and curate their travel bucket lists.
 - Link: **Travel Diary** (Live)
- **Prompton** (Aug'23)
 - **Prompton** is a innovative application built on top of **Next.js**, leveraging the power of server-side rendering (SSR) and **React.js**.
 - Designed a feature enabling users to effortlessly create, update, and delete short prompts for ChatGPT, streamlining the workflow and improving user engagement.
 - Constructed **profile management systems** to empower users in organizing and curating shared prompts seamlessly, while also facilitating the exploration of community-shared prompts..
 - Link: **Prompton** (Live)
- **TourSync** (Aug'24 - Present)
 - Developed a comprehensive **Travel and Tourism Management System using Java and Swing**, enabling efficient booking and management of travel packages and hotel reservations. .
 - Implemented secure **user authentication and payment gateway integration**, ensuring safe and seamless transactions for end-users.
 - Designed a user-friendly interface for browsing, selecting, and booking travel options, enhancing the overall user experience in the travel industry.
 - Link: **TourSync**
- **Sentiment Analysis Using Deep Learning** (Oct'23 - Jun'24)
 - Developed a **sentiment analysis** system leveraging deep learning techniques to analyze text sentiment.
 - Preprocessed raw text data by **tokenizing, cleaning, and encoding** it to prepare for input into the deep learning model.
 - Implemented deep learning model architectures, such as **recurrent neural networks (RNNs)**, **long short-term memory networks (LSTMs)**, or transformer-based models like **BERT** to capture complex patterns in textual data.
 - Documented the project's methodology, findings, and outcomes in detailed reports.
 - Link: **Sentiment Analysis Using Deep Learning**

TECHNICAL SKILLS

- **Languages:** C++, Java, Python, Javascript, SQL
- **Database :** MySQL, MongoDB
- **Tools and Frameworks:** Node.js, React.js, Next.js, Git, GitHub, AWS, Tailwind CSS
- **Skills:** Problem Solving, Data Structures and Algorithms, Machine Learning, Web Development
- **Tech Stack:** MERN

CERTIFICATIONS

- **Azure AI Fundamentals** Certification by Microsoft
- **Introduction to Artificial Intelligence (AI)** Certification by IBM
- **Practical Machine Learning** Certification by John Hopkins University
- **CyberSecurity** Certification by Google
- **Professional Data Engineer** by Google

FIELDS OF INTEREST

- Software Development, Machine Learning, Cloud Computing, Software Testing and Quality Assurance