

Shounak Paul

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WORK EXPERIENCE

Oasis Infobyte <i>Web Development Intern</i>	Jun. 2023 – Jul. 2023 <i>Remote</i>
<ul style="list-style-type: none">Designed and implemented an intuitive admin dashboard for managing pizza orders, menu items, and user accounts.Integrated real-time data updates and notifications to keep admins informed of new orders and user activities.	

POSITIONS OF RESPONSIBILITY

TEDxNIITUniversity <i>Technical Core</i>	Jul. 2022 – Jul. 2023
<ul style="list-style-type: none">Led a team of 20 members to design and develop the main event website, leveraging HTML, CSS, Bootstrap, and JavaScript.Implemented a secure e-ticketing system using QR codes and encryption, managing ticket distribution for over 100 attendees.Fostered collaboration and ensured timely delivery of project milestones.	

SKILLS

Python, Java, HTML, CSS, JavaScript, MySQL, PostgreSQL, MSSQL, Firebase, MongoDB, Tailwind CSS, ReactJS, NextJS, ExpressJS, NodeJS, Sanity, NumPy, Pandas, TensorFlow, Git, GitHub, Docker, PowerBI, LangChain, LLM, ChromaDB

PROJECTS

University Gatepass System
<ul style="list-style-type: none">Worked in development of a comprehensive solution for managing student entry and exit on campus.Ensuring seamless integration and functionality for wardens, admins, guards, and over 1000 students.Designed a user-friendly interface and progressive web app (PWA) to streamline the request and approval process.
Event Recommendation System
<ul style="list-style-type: none">Leveraged collaborative filtering and content-based algorithms to ensure highly accurate and relevant recommendations.Implemented advanced user feedback mechanisms to continually refine and enhance the relevance of recommendations.
LLM-Based Chatbot with PDF Querying support
<ul style="list-style-type: none">Developed a local LLM-based RAG system for querying PDF documents, integrating ChromaDB for efficient retrieval.Created a responsive chatbot interface with React and a Flask backend, using LangChain for context processing.Implemented accurate, context-aware responses and session-based chat history.

EDUCATION

NIIT University, <i>B. Tech, Computer Science (Data Science Specialization)</i>	2021 - Present <i>Neemrana, Rajasthan</i>
South Point High School <i>High School Diploma</i>	2017 - 2019 <i>Kolkata, West Bengal</i>

CERTIFICATIONS

Python for Machine Learning & Data Science Masterclass <i>Udemy</i>	2024
React - The Complete Guide <i>Udemy</i>	2023