AASTHA GUPTA

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EDUCATION

Vellore Institute of Technology   Vellore, India
Computer Science and Engineering, CGPA: 9.17   2021-2025
Geetanjali Olympiad School   Bengaluru, India
Science, 12th CBSE: 95.4%   2019-2021

EXPERIENCE

SCHNEIDER ELECTRIC   Bengaluru, Karnataka
Application Developer Intern   June 2024 – August 2024
Enhanced industrial automation solutions using **C#** and **Python** for system optimization and efficiency. Worked on a version migration assistant tool, eliminating manual intervention by up to 90%.

KRATOS GAMING NETWORK   Bengaluru, Karnataka
Analysis and Data Science Intern   August 2023 – January 2024
Designed and built cluster models for segregating 1 lakh+ gamers, managed acquisition of social media analytics with **SQL** and **Python**, and conducted sentiment analysis on customer feedback.

JIO PLATFORMS LTD   Remote
Data Science Intern   August 2023 – December 2023
Executed advanced audio-based content similarity analysis, developed deep learning algorithms for genre classification, and optimized model performance through strategic fine-tuning of audio data. Worked on an audio translator for Indian languages, covering up to 5-6 Indian languages.

PROJECTS

ALGOPRO⟳   *MongoDB, React, Express, NodeJS, Bootstrap, JavaScript, APIs, Generative AI*
Created a MERN stack-based DSA tracker with 450 questions, a code optimizer, and video tutorials, leveraging various APIs to enhance functionality and user experience. Integrated features for tracking progress and optimizing code solutions in real-time.

GOURMET GURU⟳   *React, Tailwind CSS, JavaScript, Generative AI*
Developed an AI-powered recipe app providing personalized recipe recommendations based on user-input ingredients, with video tutorials and comprehensive descriptions of over 1000 recipes.

PREP WISE⟳   *LLMs, LangChain, Streamlit, Python, Web scraping*
Your comprehensive interview preparation companion, offering roadmaps, questions, a cover letter generator, an interview experience section, and notes, powered by advanced language models (LLMs) to help beginners enhance their skills and confidently prepare for interviews.

VOYAGE VAULT⟳   *LangChain, LLMs, API integration*
An AI-powered travel app featuring top attractions, restaurants, emergency help, itinerary planning, language translation, expense tracking, and currency conversion for a worldwide seamless and enriched travel experience.

LIP READER⟳   *Python , Machine Learning, Deep Learning, RNN*
Empowering the hearing-impaired, the lip reader project is an end-to-end deep learning solution utilizing Long Short-Term Memory (LSTM) networks to decode spoken language from lip movements with unprecedented accuracy and efficiency.

CERTIFICATIONS

Artificial Intelligence and Machine Learning Powered by Google Developers   SmartInternz ● 2023
Introduction to MongoDB   MongoDB ● 2023

INVOLVEMENT

Marketing and Content Head   Google Developers Students Club
Served as the lead of the Digital Marketing and Content Team, where I played a crucial role in guiding initiatives and increasing the reach of platforms by 2 million users.

Senior Core Member   Codechef
Engaged in UI/UX design projects and participated in competitive coding contests, combining design and algorithmic problem-solving skills.

Public Speaker   Toastmasters International
Dynamic public speaker inspiring audiences through effective communication and leadership.

SKILLS

Languages: Java, Python, C, C++, C#, HTML, CSS, JavaScript, SQL, R
Frameworks and Tools: React, Node.js, Express.js, Tailwind CSS, Bootstrap, MySQL, MongoDB, Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, Tableau, Amazon Athena, Figma