

# AASTHA GUPTA

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## EDUCATION

**Vellore Institute of Technology**  
Computer Science and Engineering, CGPA: 9.17  
**Geetanjali Olympiad School**  
Science, 12th CBSE: 95.4

Vellore, India  
2021-2025  
Bengaluru, India  
2019-2021

## EXPERIENCE

### SCHNEIDER ELECTRIC

#### *Application Developer Intern*

Enhanced industrial automation solutions using C# for system optimization and efficiency.

Bengaluru, Karnataka

June 2024 – Present

### KRATOS GAMING NETWORK

#### *Analysis and Data Science Intern*

Designed and built cluster models for segregating gamers, managed acquisition of social media analytics with SQL and Python, and conducted sentiment analysis on customer feedback.

Bengaluru, Karnataka

August 2023 – January 2024

### JIO PLATFORMS LTD

#### *Data Science Intern*

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.

Remote

August 2023 – May 2023

## 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 using React, Tailwind CSS, and Generative AI, providing personalized recipe recommendations based on user-input ingredients. Integrated dynamic recipe data fetching and enhanced user engagement with a responsive and interactive interface.

### 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), LangChain, Streamlit, Python, and web scraping, to help beginners enhance their skills and confidently prepare for interviews.

### VOYAGE VAULT

*LangChain, LLMs, API integration*

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

### 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 skills in design and algorithmic problem-solving.

### 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, Firebase, Amazon Athena, Figma