

# SOUMIK BASU

## Full Stack Developer

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📍 Bhubaneswar, Odisha

### SKILLS

Python	Java Script	Java
NodeJS	HTML	CSS
ReactJS	ExpressJS	SQL
MongoDB	Git	

### EDUCATION

#### Bachelor of Technology in CSE

📅 10/2022 - Present

📍 Bhubaneswar

Gandhi Engineering College

CGPA - 8.6/10

#### Senior Secondary Education (12th)

📅 06/2022    📍 Balasore

EMMA International Higher

Secondary School

### KEY ACHIEVEMENT

💎 **Participated in Smart India Hackathon (SIH) – College Level**

🔗 **Completed an Emerging Technology Internship in AI & Cloud with EduNet Foundation by IBM.**

### FIND ME ONLINE

🔗 **GitHub**  
<https://github.com/Basusoumik2003>

🌐 **LinkedIn**  
<https://www.linkedin.com/in/soumik-basu/>

🌐 **LeetCode**  
<https://leetcode.com/u/basusoumik/>

### SUMMARY

Motivated Computer Science student with foundational experience in full-stack web development, including front-end technologies (HTML, CSS, JavaScript) and back-end technologies (Python, NodeJS). Proficient in database management (MySQL, MongoDB), version control (Git, GitHub), and basic API integration. Skilled in developing responsive web applications, debugging, and collaborating in team-based coding environments. Strong problem-solving abilities with a passion for continuous learning.

### PROJECT

#### 1. Jarvis AI – Virtual Voice Assistant

- *Technologies Used:* Python, SpeechRecognition, Pyttsx3, OpenAI API, Pywhatkit, Webbrowser.
- Developed a Python-based virtual voice assistant capable of performing voice commands like web searches, playing music, and sending messages.
- Utilized SpeechRecognition for voice input and Pyttsx3 for text-to-speech output.
- Integrated the OpenAI API for conversational capabilities and Pywhatkit for tasks such as playing YouTube videos.

#### 2. E-Commerce Website (Full Stack Web Application)

- *Technologies Used:* HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB, Git
- Developed a full-stack e-commerce web application with features like product listings, and a shopping cart.
- Engineered the backend using **Node.js** and **Express.js**, ensuring efficient server-side operations and API handling.
- Designed and implemented a **MongoDB** database for efficient product and user data storage.
- Built a responsive front-end using **HTML, CSS, and JavaScript**, focusing on an intuitive user experience.

#### 3. Social Media Analytics (Using LangFlow and DataStax)

- *Technologies Used:* LangFlow, DataStax, Python, Apache Cassandra, Python, REST APIs
- Developed a social media analytics application to analyze trends, sentiments, and engagement across various social platforms.
- Leveraged **LangFlow** for natural language processing (NLP) and sentiment analysis to extract valuable insights from social media posts and comments.
- Used **DataStax** (Apache Cassandra) for handling and storing large-scale, real-time data from social media platforms.
- Built **RESTful APIs** to collect, process, and integrate data from social media platforms into the system.