

# Seema Nitish Rao

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## EDUCATION

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**Bachelor of Technology (B. Tech.) - Computer Science**  
Siliguri Institute of Technology(Siliguri)

July 2019 – June 2023

**Higher Secondary Education (HSC) - Science**  
Sri Chaitanya(Vijayawada)

June 2016 – March 2018

## PROJECTS

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**weLog** (fully managed blog website)

[GitHub](#) [Live](#)

- Developed "Welog," a full-stack blog website using Django, HTML, JavaScript, Bootstrap and PostgreSQL.
- Implemented user authentication features, including secure email OTP verification for signup and password reset, ensuring a secure and reliable user experience.
- Incorporated profiles, blog creation, liking, and commenting. Users can follow fellow creators, fostering a sense of community. Notifications on new blogs, likes, and comments.

**Shlok** (medical chatbot)

[GitHub](#) [Live](#)

- "Shlok" a medical chatbot integrated into a hospital webpage using Django, HTML, Bootstrap, JavaScript and Mysql. Users can book, update, delete appointments and provide feedback on their hospital visits.
- Incorporated NLP by fine-tuning a BERT model using TensorFlow and Keras. The model accurately recognizes user intents.
- Implemented a recommendation system powered by OpenAI API, LLM, and LangChain. Users entering symptoms receive personalized recommendations for specific doctors

**Semantic Searcher** (chatting with blogs/articles)

[Github](#)

- Implemented a web application through Django, HTML, JavaScript, and Bootstrap to extract and index article content using web scraping and vectordb storage.
- Integrated PALM API for answering user queries based on the context of the indexed articles.
- Designed a scalable system to retrieve information from the vectordb index made through chroma DB, ensuring fast and precise responses to user queries.

## CODING PROFILES

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Solved 450+ questions of Data Structures And Algorithms on coding profiles mentioned below :

- 200 questions on [GeeksforGeeks](#)
- 150 questions on [Leetcode](#)
- 100 questions on [Coding Ninjas](#)

## SKILLS

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C/C++ | Python | Javascript | Django | Git/Github | Beautiful Soup | Numpy | Pandas | Tensorflow | Keras | Sklearn | Matplotlib | Machine Learning | Deep Learning | Neural Network | Langchain | Natural Language Processing | SQL | Backend Development | Html | Bootstrap | Problem Solving | DBMS | OOPs