

SHERIN PS

sherinpshaju@gmail.com

www.linkedin.com/in/sherinps7

https://github.com/SherinPS7

SOFTWARE DEVELOPER

EDUCATION

July 2022-PRESENT

Bachelor of Technology in Computer Science Engineering

SRM University

B.tech in Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning

PROJECTS

AI-Driven Voice-Based Product Search and Recommendation System

- Developed an AI-powered voice chatbot using BERT-based NER for extracting product attributes (brand, size, color, category, price, discount, stock) and delivering personalized recommendations across groceries, fashion, and electronics.
- Built a Flask backend with integrated NLP and ML models, connected to a responsive Next.js frontend to enable real-time voice interactions and enhance product discoverability.

Movie Recommendation System

- Developed a Movie Recommendation System using machine learning algorithms to provide personalized movie suggestions based on user preferences.
- Implemented collaborative filtering and content-based filtering techniques to enhance recommendation accuracy and use

Decentralized Voting Application with multifactor authentication

- Designed and implemented a multifactor authentication system using facial recognition to ensure secure and verified voter identity in a decentralized voting platform.
 - Integrated the facial recognition model with the blockchain-based system to enhance security and prevent unauthorized access.
-

WORK EXPERIENCE

Volunteer, Bhumi NGO

JUNE 2024 - JULY 2024

- Conducted over 400 phone calls, meticulously gathering valuable data for a comprehensive database.
- Participating in over 20 outreach programs and events aimed at promoting education and environmental sustainability

Web Designer, Bradman Technologies

AUGUST 2024 - OCTOBER 2024

- Designed a visually appealing web page, enhancing the company's online presence and user engagement.
- Worked under the direct supervision of the IT Head, ensuring alignment with company goals and requirements.

Software Developer, In22labs

OCTOBER 2024 - PRESENT

- Built full-stack web applications with Node.js, React, Express, and PostgreSQL, including real-time dashboards to improve user interaction and data access.
 - Developed RESTful APIs with Node.js and Express for seamless frontend-backend communication and optimized database performance.
-

ADDITIONAL INFORMATION

Technical Skills: HTML, CSS, JavaScript, React.js, Node.js, Express.js, PostgreSQL, Python, Java, Django, Flask, SQL

Certifications: Responsive Web Development (Free Code Camp), Supervised Machine Learning: Regression and Classification, Object Oriented Programming (Coursera), Operating System Fundamentals (NPTEL), Introduction To Machine Learning - IITKGP(NPTEL)

Activities: Technical Event coordinator of "Code Golf" event in RetroFest event conducted by college club. Mentored freshers on C as part of the campus mentorship program.