

# Sharulatha Venkatesan

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## EDUCATION

- B. TECH Information Technology** 2021-Present  
*Sri Balaji Chockalingam Engineering College, Vellore (Anna University)* CGPA: 8.64
- Higher Secondary Certificate (HSC)** 2019-2021  
*SVJM Higher Secondary School, Vellore* 94%

## TECHNICAL SKILLS

- Programming Languages:** Python (Advanced), Java (Intermediate), HTML/CSS (Proficient)
- Technologies & Frameworks:** Django, Spring Boot, REST APIs, Bootstrap, Git
- AI/ML Tools:** TensorFlow, YOLO, Ollama, OpenCV, Scikit-learn
- Database & Tools:** MySQL, MongoDB
- Core Competencies:** Machine Learning, Web Development, Computer Vision

## TECHNICAL PROJECTS

- Library Management (CRUD) Operation | Team Lead** 2024
  - Developed a library management system using Python and SQL for efficient record-keeping and data operations
  - Implemented full CRUD (Create, Read, Update, Delete) functionalities to manage books, users, and transactions
  - Led a team in designing a user-friendly console interface and ensuring robust backend logic for seamless performance
- Stock Price Prediction Using Python | Lead Developer** 2024
  - Implemented a stock price prediction model using machine learning techniques like Linear Regression
  - Analyzed historical stock data and visualized trends using Python libraries such as Pandas, Matplotlib, and Scikit-learn
  - Evaluated model accuracy and provided insights into potential investment decisions based on prediction outputs
- Bus Reservation System | Developer** 2024
  - Developing a bus reservation system using Django for efficient ticket booking and management
  - Implemented role-based access control and automated email confirmation
  - Creating a user-friendly interface for passengers to easily book and manage bus reservations

## PROFESSIONAL EXPERIENCE

- Web Designer** Aug 2024 - Aug 2024  
*Flash Info-labs Private Limited* Arcot, Tamil Nadu
  - Learned Spring Boot, SQL and REST APIs for backend development
  - Integrated front-end technologies with backend services
  - Gained hands-on experience with Spring Boot framework and its core concepts

## ACHIEVEMENTS

- Secured First Place in State Level Mathematics Quiz Competition (2020)
- Won prizes in speech, drawing, and Tamil poetry – which shows the personality of involvement and strong communication skill

## CERTIFICATIONS

- Stock Price Prediction (IBM)** | Advanced ML algorithms, data visualization, statistical analysis
- Microsoft Office Fundamentals** | Proficient in Word, Excel, PowerPoint, Outlook, and Paint
- DevOps Fundamentals** | Basics of DevOps practices and tools
- Oracle Cloud Infrastructure Foundations** | Basics of Oracle Cloud Services

## INNOVATION

- MOZHI** | The Deaf System | Using AI, Flask, MySQL, HTML, CSS, Bootstrap
- PORTFOLIO** | To showcase my personal details in a website | [portfolio](#)