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
- Achieved in 4+ technical events including coding competitions

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