Saviti Veerababu

+91 756 973 4332 | veerababusaviti21@gmail.com | Portfolio Website | LinkedIn | GitHub

SKILLS

Languages	Java, Go, Python, C/C++, SQL, JavaScript, HTML/CSS, R
Frameworks:	Django, Spring Boot
Build Tools:	Maven
Databases:	PostgreSQL, SQLite
Data Tools:	Excel, Tableau
Version Control:	Git, GitHub
Developer Tools:	PyCharm, IntelliJ
Cloud:	AWS, EC2, S3, Load Balancers, VPS, RDS
Soft Skills:	Communication, Adaptability, Leadership, Problem-Solving, Collaboration

PROJECTS

Nihonow | *Python, Django, HTML, CSS, JavaScript, PostgreSQL, Git* — Feb 2025 – Present
- Built a full-stack web application with Django for Japanese language learning, supporting beginner to advanced levels, deployed on Vercel (Live Demo)
- Designed interactive quizzes and flashcards for grammar, vocabulary, and Kanji learning
- Used Ably for WebSocket communication to enable real-time interactive features
- Improved performance to handle 80+ concurrent users with consistent reliability

Chat Application | *Java, Java Swing, Socket Programming, SQLite, Maven, Git* — Nov 2024 – Feb 2025
- Developed a peer-to-peer chat application using Java Sockets and Swing, with a real-time messaging interface
- Added file sharing, emoji support, and chat clearing features to improve user experience
- Connected SQLite for message storage and retrieval, using Maven for dependency management
- Enabled loading of conversation history on startup and one-click reset functionality for message database

Animated Sign Language | *Python, Django, PostgreSQL, JavaScript* — Nov 2024 – Feb 2025
- Created a Django web application to translate text and speech into animated Indian Sign Language (ISL) gestures, deployed on Vercel (Live Demo)
- Implemented WebKitSpeechRecognition for speech input and NLTK for text processing, including lemmatization and POS tagging
- Used JavaScript to render front-end animations, ensuring accurate tense and syntax for ISL

TRAINING

Java Trainee — Jun 2024 – Jul 2024
Techvanto Academy
- Developed Java applications focusing on object-oriented design, data structures, and multithreading
- Completed projects involving file handling and exception management using Java libraries
- Improved coding efficiency through debugging techniques and best practices
- Designed reusable Java modules to streamline development and enhance code maintainability

CERTIFICATIONS

Introduction to Internet of Things — Jul 2024 – Oct 2024
NPTEL
- Achieved top 5% ranking among 78,600 participants (Certificate)

Dynamic Programming, Greedy Algorithms — Mar 2024 – Apr 2024
Coursera
- Completed course on dynamic programming and greedy algorithms (Certificate)

Algorithmic Toolbox — Dec 2023 – Feb 2024
Coursera
- Completed course on algorithmic problem-solving (Certificate)

EDUCATION

Lovely Professional University — Phagwara, Punjab
Bachelor of Technology in Computer Science — *Aug 2022 – Present*

Sri Chaitanya Junior College — Kakinada, Andhra Pradesh
Intermediate with PCM — *Jul 2019 – May 2021*