Dara Vinay

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Education

Pragati Engineering College, Andhra Pradesh   2021 – 2025
B.Tech in Electronics and Communication Engineering
CGPA: 7.76 / 10

Coursework

DSA | Machine Learning | Database Management Systems (DBMS)

Experience

Codegnan IT Solutions   Sep 2025 – Present
*Java Full Stack Trainee (Onsite) **

- Engaged in intensive full-stack training covering Core Java, OOP, Collections, JDBC, Servlets, JSP, and REST APIs.
- Implementing CRUD applications using Spring Boot, MySQL, and Thymeleaf to build backend development confidence.
- Participating in daily coding tasks, Agile stand-up meetings, and weekly code reviews to improve problem-solving and debugging.
- Developing real-time web modules with HTML, CSS, JavaScript, and Java backend to strengthen full-stack skills.
- Collaborating using Git/GitHub for version control, improving team workflow and reducing merge issues.

Verzeo   Jun 2024 – Aug 2024
*Machine Learning Intern (Remote) **

- Cleaned and preprocessed 10K+ dataset entries using NumPy, Pandas, and visualization libraries.
- Improved model accuracy by 12
- Built ML models including KNN, Decision Trees, and Logistic Regression achieving 90
- Documented weekly progress, prepared evaluation reports, and maintained clear workflow tracking.
- Used Matplotlib/Seaborn to visualize insights and data patterns for performance improvement.

Projects

News Aggregator Web App   May 2023 – Nov 2023
*Python, Flask, REST APIs, HTML, CSS, JS **

- Built a web application fetching 500+ daily news articles using API integrations (NewsAPI, GNews).
- Implemented topic-based filtering, dynamic search, and category sorting to enhance user experience.
- Integrated AJAX for asynchronous loading, reducing page load latency by 20
- Designed a fully responsive UI with mobile-first layout principles.
- Added caching strategies to reduce redundant API calls and optimize performance.

Virtual Voice Assistant   Sep 2022 – Feb 2023
*Python, SpeechRecognition, pyttsx3 **

- Developed a voice-controlled digital assistant performing 15+ daily automation tasks.
- Integrated speech recognition with 98
- Automated system tasks such as reminders, messaging, and media playback improving productivity.
- Used smtplib for automated email alerts and pyttsx3 for natural text-to-speech responses.
- Built modular code architecture allowing easy addition of new voice commands.

Technical Skills

Languages: Java, Python, C, SQL
Frameworks: Spring Boot, Flask, React.js, HTML, CSS
Tools: Git, VS Code, Eclipse
Databases: MySQL

Certifications

AWS Cloud Foundations | Salesforce AI Associate | Infosys Springboard (Python, AI, ML)