

# Dara Vinay

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## Education

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

2021 – 2025

## Coursework

Data Structures & Algorithms, Machine Learning, Database Management Systems (DBMS)

## Experience

**Codegnan IT Solutions**  
*Java Full Stack Trainee \**

Sep 2025 – Present

- 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% using feature engineering, normalization, and cross-validation.
- Built ML models including KNN, Decision Trees, and Logistic Regression achieving 90% accuracy.
- 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**  
*Python, Flask, REST APIs, HTML, CSS, JS \**

May 2023 – Nov 2023

- Built a web application fetching 500+ daily news articles using API integrations (News API, 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 [GitHub]**  
*Python, SpeechRecognition, pyttsx3 \**

Sep 2022 – Feb 2023

- Developed a voice-controlled digital assistant performing 15+ daily automation tasks.
- Integrated speech recognition with 98% accuracy for commands like opening apps, searching, and emails.
- 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, JSP, Servlets

**Tools:** Git, VS Code, Eclipse IDE, MS Excel

**Databases:** MySQL

## Certifications

**AWS Academy – Cloud Foundations** [Certificate] |

**Salesforce AI Associate** [Certificate] |

**Infosys Springboard – Python, AI, ML** [Certificate] |

**Coursera – Introduction to Microsoft Excel** [Certificate]