

PROFILE SUMMARY

I am Reddy Venkata Abhinav from Vijayawada, I am pursuing B.Tech (Computer Science and Engineering) with specialization in Big Data and Data Science from KL University. Experience in hands-on development Full stack development (Django, React, Spring Boot), ML model development. With practical applications in Java, SQL, REST APIs, machine learning, I'm quick to learn, love to work together, and am passionate about making a difference. I leave the impression with people that I'm able to speak well with them, because I'm a good people person and it helps me with business. I'm truly excited to work for teams and projects that enable me to reach and extend my potential and also let me show that I'm a hard working person. I am looking for great opportunities that can improve me and utilise my skillsets that I gained while studying.

EDUCATION

KL University B-Tech Computer Science and Engineering CGPA: 9.26	Vijayawada, India August 2022 - May 2026
Sri Chaitanya Junior College Intermediate MPC CGPA: 8.48	Vijayawada, India June 2020 - May 2022

SKILLS SUMMARY

Programming Languages:	Python, SQL, C, Java, R Programming
Frameworks & Libraries:	Spring Boot, Django, Next.js, REST APIs, Pandas, Numpy, Scikit-Learn, Matplotlib
Databases :	MySQL, PostgreSQL, Oracle SQL ,MongoDB
Frontend Technologies :	HTML, CSS, JavaScript, React.js, Bootstrap, Next.js
Backend :	Node.js, Spring Boot
Tools:	Git, Github, Maven, VS Code, PostMan, Power BI, Firebase, Tableau, PyCharm, Jupyter Notebook, Microsoft Azure
Soft Skills :	Team Work, Communication, Fast Learner, Critical Thinking

TECHNICAL EXPERIENCE

AI/ML Virtual Summer Internship – APSSDC LINK	May 2024- June 2024
<ul style="list-style-type: none">○ Persuaded an AI/ML internship in APSSDC, which is a guided internship (data preprocessing, model training and evaluation).○ Developed a sentiment analysis model in python using NLTK, which classifies product reviews as positive or negative giving 85% accuracy on 5000+ reviews.○ Gained hands-on experience with real-world text data, NLP techniques, and model optimization.	

PROJECTS

Tourist & Hospitality Management – Python Full Stack (Django) LINK	December 2023- April 2024
<ul style="list-style-type: none">○ Built full-stack web applications with Python (Django) and MySQL that acted as a middleware between tourists and hospitality providers for booking, managing service, and information retrieval.○ Developed end-user module for accommodation search, room booking, and attraction listing, with providers side dashboards for listing new services and controlling the bookings.○ Developed responsive UI frameworks with HTML & CSS with Django templating engine for pages including sign-up, login, booking confirmation and additional interactive dashboards.○ Ensured database connectivity and operational efficiency through structured schema in MySQL and modular Django apps for authentication, booking, and events.○ Worked with team members to break modules out into separate github repositories, achieve consistent peer code reviews, and to ensure seamless integration of features and services – improved team communication and velocity.	
Election Monitoring System – Java Full Stack LINK	July 2024- December 2024

- Developed a full-stack web application for fair election with Java (Spring Boot) for the back-end and React.js for the frontend.
- Created roles-based (Admin, Citizen, Election Observer, Data Analyst) access, for secure administration, issue reporting and civic involvement.
- Streamlined real-time election tracking, anomaly reporting, and analytical dashboards for enhanced transparency and voter participation, especially for first-time voters.
- Prioritized system scalability, user interface and user experience, data-driven decision-making to gain trust in an electoral process
- Proven problem-solving and quick learning abilities when solving last-minute feature integration issues during testing phase with restricted resources.

Sales Forecasting System | [LINK](#)

February 2025 - May 2025

- Built an interactive sales forecasting app with Flask to allow users to upload CSV files and forecast sales using Prophet model.
- Built interactive visualizations with Plotly for users to compare real vs predicted sales for the coming 12 weeks.
- Implemented secure user authentication (signup/login/logout) with Flask-Login, and password reset (with OTP) with Flask-Mail.
- Even created file upload user system, allowing changeable column selection to accommodate various file formats with different encoding (UTF-8, ISO-8859-1).
- Worked well with colleagues and mentors to receive feedback and iteratively iterate on UI design and user experience across versions.

CERTIFICATES

AWS Cloud Practitioner | [CERTIFICATE](#)

April 2024

- AWS Certified Cloud Practitioner: Learned the fundamentals of AWS services, cloud concepts, billing, and architectural best practices.

Red Hat Certified Enterprise Application Developer (EX183) | [CERTIFICATE](#)

August 2024

- Red Hat Certified Enterprise Application Developer (EX183): Demonstrated experience in enterprise Java application development with Red Hat technologies and Red Hat OpenShift.

Associate Cloud Engineer Certification | [CERTIFICATE](#)

June 2025

- Obtained Google Cloud Associate Cloud Engineer certification: Proven ability in deploying, maintaining, and managing cloud infrastructure on Google Cloud Console & CLI.

LANGUAGES

- English
- Telugu
- Hindi (Basic)