

madduri vishnu vardhan

 GitHub —  maddurivishnuvardhan050@gmail.com — +91 7569190642

Professional Summary

Motivated B.Tech Computer Science (Data Science) student at anurag university with strong skills in Java, Python, Data Structures Algorithms, REST API development, backend engineering, SQL, and AI-powered application development. Experienced in building scalable full-stack applications using Java, Python, React.js, Node.js, Express.js, and MongoDB. Passionate about solving real-world problems through software engineering, machine learning, and cloud technologies

Education

Anurag University, Hyderabad <i>B.Tech in Computer Science and Engineering (Data Science)</i>	Jul 2023 – Jun 2027 <i>CGPA: 6.25</i>
gauthami jr college <i>Intermediate (MPC)</i>	2021 – 2023 <i>85.4%</i>
sujatha school <i>icse</i>	2021 <i>CGPA: 64%</i>

Projects

- AI Text Summarization System** React.js, Node.js, Express.js, MongoDB, JWT
- Developed a full-stack AI-powered text summarization application that generates extractive and abstractive summaries from text, PDF, and DOCX files.
 - Implemented secure user authentication and authorization using JWT, enabling protected access to summarization history and user-specific data.
 - Built RESTful APIs using Express.js for document upload, text processing, summary generation, and history management.
 - Integrated Groq AI API for abstractive summarization and implemented an extractive summarization algorithm for efficient text processing.
 - Designed a MongoDB database to securely store user accounts and summary history for quick retrieval and management.
 - Implemented file parsing for PDF and DOCX documents, along with input validation, exception handling, and responsive user interface for improved usability.

Technical Skills

Programming Languages: java, Python,javascript,c
frontend: HTML5, CSS3, JavaScript
Backend: Node.js, Express.js,Java,python,JWT Authentication,REST APIs
Databases: MySQL, MongoDB
Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems, Computer Networks, Software Engineering
Tools: Git, GitHub, VS Code
Soft Skills: Analytical Thinking, Problem Solving, Team Collaboration, Communication, Adaptability, Time Management, Quick Learning

Certifications

- Python Essentials – Cisco
- Introduction to Data Science – Cisco
- CCNA: Introduction to Networks – Cisco
- Java Programming – Infosys Springboard
- R Programming – Infosys Springboard

Highlights

- Developed multiple database-driven web applications using Python and Flask.
- Strong understanding of backend development, relational databases, and SQL.
- Passionate about scalable software systems, cloud technologies, and continuous learning.
- Experienced with Git and GitHub for version control and collaborative development.