

# REVANTH KUMAR BANDI

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## Professional Summary

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Entry-level Software Development Engineer with a B.Tech in Artificial Intelligence & Data Science. Strong foundation in data structures, algorithms, OOP, and backend development. Hands-on experience building RESTful web applications using JavaScript, Node.js, and MongoDB. Quick learner with a problem-solving mindset and interest in scalable systems.

## Technical Skills

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**Programming Languages:** JavaScript, Python, C, SQL

**Data Structures & Algorithms:** Arrays, Strings, Linked Lists, Stacks, Queues, HashMaps, Trees, Sorting, Searching, Recursion, Time & Space Complexity

**Object-Oriented Programming:** Classes, Inheritance, Polymorphism, Encapsulation, Abstraction

**Backend Development:** Node.js, Express, REST APIs, Authentication, JSON

**Frontend:** React, HTML5, CSS3, Responsive Design

**Databases:** MongoDB, MySQL

**Tools & Platforms:** Git, GitHub, Postman, VS Code, Power BI

**Deployment:** Vercel, Render

**CS Fundamentals:** OS Basics, DBMS, Computer Networks, HTTP/HTTPS

## Experience

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### Software Developer (MERN Full Stack)

Aug 2025 – Present

*Deepvibe IT Solutions Pvt. Ltd.*

- Developed and maintained full-stack features using React, Node.js, Express, and MongoDB.
- Built RESTful APIs, implemented authentication, input validation, and database operations.
- Collaborated with team members on feature development, debugging, and deployment.
- Deployed applications using Vercel and Render and handled basic production issues.

## Academic Internships

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### Machine Learning Intern

Jun 2023 – Jul 2023

*CodeTantra Tech*

- Performed data preprocessing, feature engineering, and trained basic ML models using Python.
- Worked with Pandas, NumPy, and Scikit-learn for analysis and evaluation.

### Data Science Intern

May 2024 – Jul 2024

*42Learn*

- Conducted exploratory data analysis and created visualizations for business insights.
- Assisted in model evaluation and reporting.

## Projects

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### Deepvibe Website

*MERN Stack*

- Built a production-ready website using React for frontend and Node.js/Express for backend.
- Designed REST APIs and integrated MongoDB for data storage.
- Deployed application using Vercel with environment-based configurations.

## **Techworth Website**

*MERN Stack*

- Developed a responsive frontend UI and reused backend services for multiple modules.
- Implemented CMS-like features and ensured modular, maintainable code.

## **AI Assistant Chatbot**

*Python, Flask*

- Created a chatbot to provide explanations, code snippets, and utility responses.
- Integrated LLM APIs and handled user requests via REST endpoints.

## **Education**

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### **B.Tech in Artificial Intelligence & Data Science**

2021 – 2025

PACE Institute of Technology and Sciences, Ongole

CGPA: 8.15 / 10.0

## **Certifications**

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- AWS Data Engineering — AWS
- AWS Cloud Foundations — AWS
- Generative AI for Everyone — IBM
- Machine Learning with Python — IBM
- Fundamentals of Cybersecurity — Palo Alto Networks