

# Kadaveru Deepthi

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*Machine Learning and Software Engineering student with strong foundations in data structures, algorithms, and full-stack development, with hands-on experience in privacy-preserving and data-driven systems.*

## Education

### MGIT, Hyderabad

B.Tech in Computer Science and Engineering CGPA: 9.51/10.0

2023–2027

### RGUKT, Basar

Bhashyam High School

2021–2023 GPA: 9.22/10.0

2014–2021 GPA: 10.0/10.0

## Technical Skills

**Languages:** C, Python, Java, R

**Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, REST APIs

**Databases:** MySQL, PostgreSQL, MongoDB

**Core Concepts:** Data Structures & Algorithms, OOP, Operating Systems, Computer Networks, Machine Learning, Statistical Data Analysis, DevOps

**Tools:** Git/GitHub, VS Code, Jupyter Notebook, Tableau, Postman, Excel

## Projects

- **VeilID – Privacy-Preserving Biometric Attendance System:** Engineered and deployed a FaceNet-based facial verification system using Flask, OpenCV, Docker, and cloud infrastructure, implementing CI/CD and secure environment-based configuration for production-ready privacy-preserving authentication.
- **AutoBias+ – ML Bias Detection & Fairness Analysis Tool:** Developed a bias auditing pipeline to detect and visualize representation and outcome bias in machine learning datasets, distinguishing structural bias from sampling imbalance using statistical analysis.
- **Credit Card Fraud Detection (AdaBoost):** Developed a fraud detection system with preprocessing and optimized ensemble learning to handle highly imbalanced data.
- **BookLab — ML Book Predictor & Recommender:** Created a Streamlit-based ML application to predict ratings and recommend books using feature engineering on 1k+ records.
- **Stylewave:** Built a responsive full-stack platform using React, Express, and MongoDB with authentication and structured API design.

## Internships & Industry Programs

- **ServiceNow Cohort 2 Intern:** Worked on workflow automation and low-code application development.
- **Cisco Virtual Intern:** Gained practical exposure to networking fundamentals and cybersecurity concepts.
- **Infosys Springboard Pragati – Path to Future (Cohort 7)** (Ongoing)  
Industry-aligned cohort focused on Natural Language Processing and Cloud computing.
- **Google Launchpad (Generative AI Track)** (Ongoing)  
Selected for an AI-focused program on large language models, prompt engineering, and deployment workflows using Google Cloud and Vertex AI.

## Certifications

**NPTEL:** Silver Medalist – Data Science; Top 5% – Programming in Java & C; Elite – Cybersecurity

**Udemy:** Full-Stack Web Development Bootcamp    **Cisco:** JavaScript Essentials

## Achievements & Activities

Gold Medalist – Academic Excellence (CGPA 9.7, First Year)

Smart India Hackathon 2024, 2025; AI Hackday 2025

Clubs: CSI, ACM, NSS    Workshops: IIT Hyderabad (Full-Stack), Generative AI, Data Science

## Strengths & Languages

**Strengths:** Analytical thinking, problem-solving, adaptability

**Languages:** English, Hindi, Telugu