

# PRABHUTEJA KODA

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## Software Developer

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- <https://prabhutejakoda.github.io/portfolio/>
- <https://github.com/Prabhutejakoda>

## Professional Summary

Detail-oriented **Full Stack Developer** and MCA graduate with hands-on experience in building scalable web applications. Currently contributing to **DigiCByte Technologies**, specializing in **Node.js, Angular, NestJS, and Firebase**. Proficient in developing RESTful APIs, integrating Swagger UI for documentation, and managing cloud databases. Strong foundation in Machine Learning, Deep Learning using Python and a proven track record of delivering end-to-end solutions from frontend interfaces to backend architecture.

## PROFESSIONAL EXPERIENCE

### Junior Software Developer | DigiCByte Technologies (August 2025 – Present)

- Designing and maintaining robust backend services using **Node.js** and **NestJS**.
- Architecting and developing high-performance frontend interfaces using **Angular**, focusing on component-based architecture and reactive forms.
- Implementing **Firebase** for real-time database management, authentication, and cloud storage.
- Developing and documenting RESTful **APIs** using **Swagger** UI to ensure seamless frontend-backend integration.

### Key Professional Projects:

- **Railway & Bus Booking Systems:** Developed core booking logic, seat availability modules, and real-time scheduling updates.
- **E-commerce Platform:** Built scalable product catalogues, shopping cart functionality, and secure checkout flows.

- **Music Application:** Implemented audio streaming capabilities and user playlist management using cloud-based storage.

## **TECHNICAL SKILLS**

- **Languages:** JavaScript, TypeScript, Python, SQL
- **Frontend:** HTML5, CSS3, Angular, Streamlit
- **Backend:** Node.js, NestJS, Firebase (Firestore/Auth), REST APIs
- **Tools & Documentation:** Swagger UI, Git/GitHub, Postman, MS Office
- **Core Concepts:** Machine Learning, Deep Learning, Data Structures (DSA), Problem Solving

## **ACADEMIC PROJECTS**

### **Classification of Threats Using Deep Learning**

Designed and implemented a two-stage deep learning framework to classify network traffic as either benign or malicious, and then categorize the specific type of cyberattack (e.g., DoS, DDoS). Developed a full-stack solution using **TensorFlow/Keras** for model development and **Streamlit** for an interactive web application, allowing users to upload data and receive real-time threat predictions and visual analytics. Applied a comprehensive data preprocessing workflow with **Scikit-learn** to ensure model accuracy and reliability

## **EDUCATION**

- Master of Computer Applications (MCA) | Andhra University | 2025 | CGPA: 8.2
- Bachelor of Science (Maths, Chemistry, CS) | CBDC college | Acharya Nagarjuna University | 2022 | 77%
- Intermediate (MPC) | Sri Gowthami Junior College | 2019 | GPA: 7.58
- SSC | AMG Ichthus High School | 2017 | GPA: 9.7

## **CERTIFICATIONS**

- Python for Beginners – Simplilearn SkillUp | Completed: July 2024
- Career Essentials in Data Analysis – Microsoft & LinkedIn | Completed: June 2025

## **SOFT SKILLS**

- Problem-solving mindset
- Communication and collaboration
- Quick learner

- Leadership and teamwork
- Positive attitude

### **PERSONAL DETAILS**

Date of Birth: 28 February 2002

Languages Known: English, Telugu

Marital Status: Unmarried

Nationality: Indian

### **DECLARATION**

I hereby declare that all the information provided above is true to the best of my knowledge.

Date:

Place:

(Prabhuteja Koda)