

# PARVEEN TAJ

## Backend Developer | Node.js & Cloud Deployment

 ptaj21967@gmail.com

 +91 861 813 5969

 Bengaluru-560064, India

 Parveentaj874

 parveen-taj-872840246

### **SUMMARY**

Backend Developer with hands-on experience in building RESTful APIs using Node.js and Express.js, managing relational and NoSQL databases, and deploying applications to cloud platforms such as AWS and Azure. Experienced in containerization using Docker, version control with Git, and Linux-based deployment environments. Strong understanding of backend architecture, authentication, and scalable system design.

### **Backend Projects & Deployment Experience**

#### **Project 2: Corporate Travel Policy Tool | 10/2025-Present, E-S-Genius tech solution**

- Designed and developed RESTful APIs using Node.js and Express.js for employee travel policy management.
- Implemented role-based authentication using JWT.
- Integrated MySQL database for policy and user data management.

#### **Project 1: ESG Dashboard | 08/2025-10/2025, E-S-Genius tech solution**

- Developed a real-time dashboard using React and Node.js to monitor ESG Score, Compliance Rate, and CO<sub>2</sub> Reduction.
- Built backend APIs for ESG metrics using Node.js and Express.js.
- Used Git for version control and Postman for API testing.

### **Education**

**Master of Computer Applications (MCA)[82%],**  
Nagarjuna Degree College, Bangalore.

2023 – 2025

**Bachelor of Computer Applications (BCA)[85%],**  
Shree Akshaya College of Commerce and Management, Vijayanagara.

2020 – 2023

**Intermediate Education[78%], Department Of Pre University, Vijayanagara.**

2019 – 2020

**Secondary Education[87%], Govt. Girls School, Vijayanagara.**

2017 – 2018

### **Academic Projects**

#### **Ai Chatbot for Personalized health Care**

2025

- Developed a chatbot that provides health tips and guidance based on user inputs.
- Integrated AI to analyze user data and deliver personalized health recommendations.

#### **Online Furniture Shopping Based on Predicting User Behaviour**

2023

- Built a smart shopping system that predicts user preferences to suggest personalized furniture options.
- Used data analytics to track browsing patterns and improve product recommendations.

## **Skills**

### **Technical Skills**

- Backend Technologies:Node.js, Express.js, REST APIs, JWT Authentication
- Databases:MySQL, MongoDB, SQL Server
- Deployment & Cloud:AWS (EC2, S3), Docker, Linux
- DevOps & Tools:Git, GitHub, Postman
- Programming Languages:JavaScript, SQL, Java, Python

## **Awards**

<b>Best Outgoing Student Award</b> , Nagarjuna Degree College, Bengaluru.	08/2025
<b>Inter Collegiate Participation</b> , Nagarjuna Degree College, Bengaluru	08/2025
<b>Winner-Web Development Competition</b> , Nagarjuna Degree College, Bengaluru.	07/2024

## **Courses**

<b>DevOps[80%]</b> , Seminar-Room Education Pvt Limited, Bengaluru.	04/2025 – 06/2025
<b>Programming In Java[71%]</b> , NPTEL, IIT Kharagpur.	01/2025 – 04/2025
<b>The Joy of Computing using Python[68%]</b> , NPTEL, IIT Kharagpur.	01/2025 – 04/2025
<b>Full Stack Development [75%]</b> , Seminar-Room Education Pvt Limited, Bengaluru.	08/2024 – 11/2024

## **Publications**

<b>Autonomous Vehicles Using Convolution Neural Network &amp; V4 Technology</b> , Nagarjuna Degree College in association with ICMRD and NIPM-KC.	26/09/2024
This research paper examines the role of Artificial Intelligence—specifically Convolutional Neural Networks (CNNs) and YOLOv4—in enhancing object detection, safety performance, real-time decision-making, and path planning in autonomous vehicles.	

## **Interests**

- Traveling & Exploring Cultures
- Learning New Languages
- Video Editing & Content Creation
- Volunteer in College Fest, Sports & Campus Drive

## **Declaration**

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

---

**Parveen Taj**