

PARVEEN TAJ

Backend Developer | Node.js & Cloud Deployment

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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 CO₂ 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 • Developed a chatbot that provides health tips and guidance based on user inputs. • Integrated AI to analyze user data and deliver personalized health recommendations.	2025
Online Furniture Shopping Based on Predicting User Behaviour • 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.	2023

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

Best Outgoing Student Award, *Nagarjuna Degree College, Bengaluru.* 08/2025

Inter Collegiate Participation, *Nagarjuna Degree College,Bengaluru* 08/2025

Winner-Web Development Competition, *Nagarjuna Degree College, Bengaluru.* 07/2024

Courses

DevOps[80%], *Seminar-Room Education Pvt Limited, Bengaluru.* 04/2025 – 06/2025

Programming In Java[71%], *NPTEL, IIT kharagpur.* 01/2025 – 04/2025

The Joy of Computing using Python[68%], *NPTEL, IIT kharagpur.* 01/2025 – 04/2025

Full Stack Development [75%], *Seminar-Room Education Pvt Limited, Bengaluru.* 08/2024 – 11/2024

Publications

Autonomous Vehicles Using Convolution Neural Network & V4 Technology, 26/09/2024
Nagarjuna Degree College in association with ICMRD and NIPM-KC.

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