

# Devi Sri Charan Kasoju

📍 Hyderabad    ✉ kasojudevisricharan@gmail.com    ☎ 9030394796    in Devi Sri Charan

## Professional Summary

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Full stack developer skilled in the **MERN stack** with hands-on experience building responsive, data-driven web apps. Proficient in **RESTful APIs**, **JWT authentication**, and integrating third-party APIs like **Amadeus**. Strong in both frontend (**React**, **Bootstrap**) and backend (**Node.js**, **Express**) development, with experience in **MongoDB** and **MySQL**. Proven problem solver with **500+ DSA problems** solved on **LeetCode** and **CodeChef**. Passionate about delivering scalable solutions and continuously learning in fast-paced environments.

## Education

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<b>VNRVJIET</b> — BTech in Computer Science	2022 – Present
◦ 9.00/10.00	
<b>Narayana Junior College</b> — Intermediate Education	2020 - 2022
◦ 987/1000	
<b>St. Mary's High School</b> — High School	2020
◦ 378/500	

## Projects

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### Blueflights - Flight Meta Search Engine (Tech Stack: MongoDB, Express.js, React.js, Node.js, Bootstrap, Amadeus API)

- Built a web-based **flight meta-search engine** using the **MERN stack** to fetch and display real-time flight data from the **Amadeus API**.
- Implemented search functionality based on source, destination, travel dates, travellers, and class preferences.
- Designed a responsive UI using **Bootstrap** and added filters like **price**, **duration**, **stops**, and **airlines** to sort results efficiently.

### Blog App (Tech Stack: MongoDB, Express.js, React.js, Node.js, JWT, CSS)

- Built a **full-stack blogging platform** allowing users to create, edit, and publish posts with **rich text formatting**.
- Implemented **JWT-based authentication** and **commenting functionality** to enhance user interaction and engagement.
- Developed **RESTful APIs** to efficiently handle blog operations such as posting, updating, and retrieving content.

### Credit Card Fraud Detection (Tech Stack: Python, Scikit-learn, Pandas, Matplotlib)

- Developed a **fraud detection system** using **ML models**, achieving **95% accuracy** in predicting fraudulent credit card transactions.
- Preprocessed **transaction data** and implemented **Random Forest** and **Logistic Regression** models for classification and prediction.
- Optimized model performance with **hyperparameter tuning**, **feature engineering**, and cross-validation techniques for better accuracy.

### Library Management System (Tech Stack: C++, Linked List)

- Developed a **C++ system** using **linked lists** for efficient management of library books, including add, delete, and search operations.
- Enabled **dynamic inventory management** and **fast retrieval** of books based on parameters such as author name or book ID.
- Implemented a **user-friendly interface** and integrated search functionality for efficient book lookups.

## Skills

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**Languages:** C/C++, Python, Java

**Frontend:** React.js, JavaScript (ES6+), HTML, CSS, Bootstrap

**Backend:** Node.js, Express.js

**Databases:** MongoDB, MySQL, SQL, PL/SQL

**APIs & Security:** REST APIs, JWT Authentication

**Version Control:** Git, GitHub

**Data Visualization:** Power BI, Tableau

**Soft Skills:** Teamwork, Adaptability, Creative

## WORKSHOP:

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- **Attended Global AI Summit 2024 (Hyderabad).** Participated in discussions on AI advancements, ethics, and automation, exploring its impact on sectors like healthcare and finance. Gained insights into AI trends and potential applications in web development.

## Courses & Certifications

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- Explore a Career in Front-End Web Development on **LinkedIn**, covering key concepts and tools.
- Career Essentials in Data Analysis from **Microsoft & LinkedIn**, focusing on data handling and analysis.
- Microsoft Power BI & Tableau from **Infosys Springboard, Internshala**, gaining data visualization skills.
- Completed MERN Full Stack course at **VNRVJIET**, gaining hands-on experience with web development.

## Achievements

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- Won 1st Place in **CADATHON** at **Tech Fest - VNRVJIET**, demonstrating problem-solving skills.
- Reached the Finalist stage in **WEBATHON**, a National Hackathon, showcasing web development expertise.
- Solved 200+ problems and secured Max Rating of 1541 on **Leetcode**, improving coding proficiency.
- Solved 300+ problems and secured Max Rating of 1467 on **Codechef**, enhancing problem-solving abilities.

## Co-Curricular Activities

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- Participated in **WEB-A-THON** conducted by **VNR VJIET**.
- Participated in **Campus Automation Contest** organised by **VNR VJIET**.
- Participated in **competitive programming competition** organised by **VNR VJIET**.

## Extra-Curricular Activities

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- Participated in the **Cricket Freshers Cup** at **VNR VJIET**.
- Participated in a **Flash Mob** at **VNR VJIET**.

## Strengths

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- **Problem Solving Skills**
- **Team Player**
- **Hard Worker**
- **Presentation Skills**