

# M. SAI DHANUSH

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## EDUCATION

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### • B.Tech in Computer Science and Engineering, JNTUH

*JNTUH College of Engineering, Sultanpur*

2026

CGPA: 7.75

### • Intermediate in MPC, TGBIE

*Sri Chaitanya Jr College, Hydernagar*

2021

96.4%

### • 10th Class, CBSE

*D.A.V. Public School, Safilguda*

2019

CGPA: 8.0

## EXPERIENCE

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### • JavaScript Developer Intern

April - May 2024

- Built and optimized a LiveChat ChatBot, increasing customer engagement by **25%**.
- Developed interactive web components with GSAP animations, improving site responsiveness by **40%**.
- Collaborated in a team of **5 developers** to deliver production-ready solutions ahead of deadline.

### • Freelancer

*Full Stack Developer (MERN)*

March - July 2025

[Live - <https://rhythmxwithshiva.com/>]

- Developed and deployed a dance choreographer website that attracted **500+ monthly visitors**.
- Built an admin dashboard to manage **200+ comments**, inbox messages, and a dynamic gallery of **50+ images**.
- Delivered a fully responsive, live application with **95% Lighthouse performance score**.
- Integrated Firebase services for secure authentication and storage, reducing admin manual work by **70%**.

## PROJECTS

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### • Expense Tracking System

2025

- Developed full-stack features including secure OTP login (JWT), payment processing, and real-time transaction analytics for **100+ users**.
- Built backend with **Node.js, Express.js, MongoDB**, and frontend using **React.js, Tailwind CSS, Recharts**, integrating **Twilio** and **Socket.io** for payments and alerts.

### • RhythmX Dance Studio Website (Freelance)

2025

- Developed a responsive client website using **React (Vite + Tailwind CSS)** with a **95% Lighthouse score**, attracting **500+ monthly visitors**.
- Integrated **Firebase, Node.js, Express.js, MongoDB, and JWT** for authentication, data storage, and backend operations.

### • Titanic Survival Prediction

2024

- Performed data cleaning and preprocessing on **891 records** with missing values and categorical variables.
- Implemented logistic regression achieving an accuracy of **82%** and evaluated performance with confusion matrix and ROC curve (AUC: **0.87**).
- Visualized feature importance (age, class, gender) to identify key survival indicators.
- Technology Used: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.

## KEY SKILLS

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**Languages:** C, Java, Javascript, HTML+CSS, Python

**Libraries :** Java Collections Python Libraries (matplotlib, Numpy, Seaborn)

**Databases:**MongoDb, Firebase, Relational Database(mysql)

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networks, Full Stack Development, Machine Learning.

**Soft Skills :** Openness, Conscientiousness, Humility, Risk Takers, Autodidacts, Self-Actualization, Problem Solving, flexibility

## CERTIFICATIONS & ACHIEVEMENTS

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- Solved 500+ DSA problems on platforms like LeetCode and GeeksforGeeks, securing a Top 10 rank at the college level on GFG.
- Winner (1st Place) in Code Addicts – Yuga 2K23 Tech Fest
- Secured 3rd Place for the project 'Unreal Racer' Presented at PROJECT EXPO under -Byte Fest-Yuga 2024.
- Secured 2nd Place in Debug Technix – Yuga 2K23 Tech Fest
- Completed a 3-month mentorship program in Artificial Intelligence with Machine Learning (AIML) - Pregrad,
- Participated in a 2-day workshop on Git and GitHub, gaining practical knowledge of version control and collaborative development workflows - JNTUHCES

## EXTRACURRICULAR ACTIVITIES

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- Served as Technical Coordinator for the college fest at JNTUH College of Engineering, Sultanpur.
- Consistently engage in swimming and skating to promote physical fitness and well-being.