

# SHAMANTH KRISHNA V R

Belthangady, Karnataka, India, 574240

Full-Stack Developer | Databases | Passionate about DevOps

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## Education

Sahyadri College of Engineering and Management

2022 – 2026

Bachelor of Engineering (Information Science)

Mangalore, Karnataka

## Professional Summary

Final-year Information Science engineering student with practical experience in developing software solutions and working on academic projects involving web development and data analysis. Proficient in languages like Python, C and C++, and familiar with tools such as MySQL and Git. Strong problem-solving skills and a keen interest in exploring emerging technologies like machine learning and cloud computing. Motivated to apply technical knowledge and teamwork abilities to real-world challenges in software or data-driven roles.

## Projects

Art Gallery Management System | *React.js, Express.js, TypeScript, SQL*

Nov 2024 – Dec 2024

- Built a **ticket booking system** for art events, improving convenience and reducing effort by **30%**.
- Added **secure login and payments** for smooth user transactions.
- Used **SQL database** to manage users, bookings, and payments reliably.

Roots-Tech | *React.js, Express.js, MongoDB*

Dec 2024 – Jan 2025

- Built a **full-stack app** linking customers and providers, boosting booking by **25%**.
- Added **geo-location** and **real-time alerts**, improving coordination by **30%**.
- Used **React, Node.js, and Maps API** for smooth UX and scalability.

Cloud-Based Image & Video Gallery | *MERN Stack, AWS S3, Tailwind CSS*

April 2025 – May 2025

- Built a secure media management platform with **MERN stack** and **AWS S3** for scalable image/video uploads.
- Integrated **JWT auth, drag-and-drop uploads**, and real-time status alerts via **React Toastify**.
- Designed a responsive dashboard with **grid/list views** and **video metadata extraction** using **fluent-ffmpeg**.

## Technical Skills

Languages: C, C++, Python, SQL

Developer Tools: Git, GitHub, Postman, VS Code, Jupyter, Linux

Technologies/Frameworks: React.js, FastAPI, Node.js, Express.js, MongoDB, PostgreSQL, MySQL

## Achievements

- Runner-Up in REACT-THON – Created a clone of Spotify using React.js February 2024
- Runner-Up at department-level TechVision for presenting an **interactive gamification framework** on **digital laws, cyber ethics, and legislation** using **machine learning techniques**. November 2024
- Finalist in Skill Sangam for developing **LifeLine – Emergency Healthcare Web App**, a real-time platform connecting patients, ambulances, and hospitals using the **MERN stack** to reduce delays and streamline emergency care.

## Volunteer Experience & Organizations

- Served as the Media Lead for Google Developer Group (GDG) at Sahyadri, managing event promotions, content creation, and outreach strategies. September 2024 – September 2025
- Organized a 20-hour hackathon at Sahyadri College to encourage innovation and teamwork. November 2024