


SHAMANTH KRISHNA V R

Belthangady, Karnataka, India, 574240

Full-Stack Developer Databases Passionate about DevOps

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 [shamanth-k](#)  [Shamanth Portfolio](#)

Education

Sahyadri College of Engineering and Management

Bachelor of Engineering (Information Science)

2022 – 2026

Mangalore, Karnataka

Professional Summary

I am an Information Science undergraduate with strong skills in Data Structures, Algorithms, and Full-Stack Development using React.js and FastAPI. I have hands-on experience in building scalable and responsive web applications, adhering to clean coding standards and agile development practices. I enjoy solving complex problems and creating efficient software solutions that make a real-world impact.

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, HTML, CSS, JavaScript, SQL

Developer Tools: VS Code, Git, GitHub, Postman, PyCharm, Jupyter Notebook, Google Colab, Linux

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

Achievements

- **Runner-Up** in REACT-THON – Created a clone of Spotify using React.js **February 2025**
- **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 – Present**
- Organized a 20-hour hackathon at Sahyadri College to encourage innovation and teamwork. **November 2024**