

# HIMANSHU S SHETTY

Mangalore, Karnataka, India, 575002

Fullstack Developer Passionate About Open-Source

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## Education

**Sahyadri College of Engineering and Management**

*Bachelor of Engineering in Computer Science*

**Dec 2022 – Jun 2026**

*Mangalore, Karnataka*

## Experience

**InUnity LLP**

*Freelance Developer*

**Dec 2024**

*Mangalore, Karnataka*

- Developed a **PDF generation tool** with **React.js** and **Puppeteer**, automating test result aggregation for **600+** students and reducing manual processing time by 90%
- Engineered customizable **KSA Analysis Report** format for student performance statistics, delivering automated PDF generation system 20% ahead of schedule with successful institute implementation.

## Projects

**scAPE** | *Next.js, TypeScript, TailwindCSS, ExpressJS*

**October 2024**

- Designed the frontend for scAPE, successfully facilitating registration for **1200+ users** in an event by SOSC.
- Implemented key features including user registration, interactive dashboards, event enrollment, and secure payment handling, enhancing the platform's usability and facilitating smooth interaction for over **800+** event participants
- Deployed frontend on **Netlify**, reducing load times by 30% and backend on **Google Cloud**, to ensure 100% availability during peak user engagement.

**LitScout** | *Next.js, TypeScript, Express.js, BART CNN, Google NLP*

**December 2024**

- Created a **Literature Survey automation Tool** using **BART CNN** for summarization and **Google NLP** for semantic search, reducing manual paper discovery by upto 80%.
- Built a robust frontend and an efficient **paper summarization pipeline** that searches across **327 million** research papers from open-access repositories, delivering concise, high-impact summaries for quick comprehension.
- Redesigned UI with a sleek layout, cutting load times and boosting user relevance and satisfaction scores by 30% through intuitive sorting features.

**Tandem** | *Next.js, TypeScript, TailwindCSS, Supabase, PostgreSQL*

**December 2024**

- Engineered a **full-stack Volunteer Management** app that streamlined event scheduling, assigning tasks, and improved volunteer participation tracking, enhancing efficiency for multiple community-driven projects
- Implemented authentication with role-based access control using Supabase, ensuring secure data management for organizers, volunteers, and admins.
- Built intuitive **dashboards** for efficient event management and integrated a feedback system to enhance event quality through actionable insights.

## Technical Skills

**Languages:** C, Python, HTML, CSS, JavaScript, TypeScript

**Developer Tools:** VS Code, Git, Postman, Docker, Supabase, MongoDB Compass

**Technologies/Frameworks:** React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, MySQL, TailwindCSS

## Organizations

**Organizer - Sahyadri Open Source Community**

**Sep 2024 – present**

- Organized DevHost 2024 hosting **20+ industry speakers and mentors** with **1000+ attendees** over **3 days**.
- Leading a team of **20+ members**, enhancing **technical and leadership skills**, and promoting **open-source**, through collaborations with GDG on campus, IEEE, FOSS Mangalore.
- Gave talks on getting people started with open source and how to contribute to open source

**GenAI Lead - GDG on Campus**

**Sep 2024 – present**

- Actively promoting and advancing Google products and initiatives on campus.
- Conducted a workshop on **Build with AI**, and delivered an Introductory talk on **Getting Started with Google AI Studio**.