



# SHREEKARA B

B.E

Information Science and Engineering

Sahyadri College of Engineering and Management

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GitHub Profile

LinkedIn Profile

Portfolio

## EDUCATION

- Sahyadri College of Engineering and Management** 2025  
B.E in Information Science and Engineering CGPA/Percentage: 8.04
- Ambika Padavi Poorva Vidyalaya,Puttur** 2021  
Department Of Pre-University Education,Karnataka CGPA/Percentage: 94.33
- Sri Ramakrishna High School,Puttur** 2019  
Karnataka School Examination And Assessment Board,Karnataka CGPA/Percentage: 94.08

## EXPERIENCE

- Oitro Technologies** Jan 2025 - Jul 2025  
Data Engineer Intern Mangalore
  - Completed Celonis Process Mining certification and applied process optimization concepts.
  - Worked on Agentic AI project with Microsoft Azure, gaining experience in cloud, semantic search and AI-driven automation.
  - Contributed to design, development, and integration tasks, strengthening technical and collaborative skills.
- Technical Carrier Education Private Limited** Oct 2023 - Nov 2023  
Internship Trainee Mangalore
  - Build web based application using MERN Stack

## PROJECTS

- Shrirama Temple Chokkadi Official Website Development** Nov 2024 - Jan 2025  
Led a team of developers to engineer an interactive web portal for Shrirama Temple, Chokkadi.
  - Role: Team Lead | Technologies: Next.js, Tailwind CSS, React Redux, TypeScript, Nest.js, Supabase, Prisma, PostgreSQL, Twilio, AWS EC2, GoDaddy
  - Enabled Kannada-English language switching across key pages using Redux.
  - Developed hall booking and donation services, allowing users to book facilities and contribute with ease.
  - Configured frontend on Vercel, backend on AWS EC2, domain via GoDaddy ensuring scalability.
- Shri Harihareshwara Temple Official Website Development** Nov 2024  
Interactive multilingual portal with seva booking, feedback, and gallery features.
  - Role: Team Lead | Technologies: Next.js, Tailwind CSS, React Redux, TypeScript, Nest.js, Supabase, Prisma, PostgreSQL, Twilio, AWS EC2
  - Enabled seamless Kannada-English language switching and optimized responsive layouts.
- Development of Wearable Seizure Detection Device for Epilepsy Management using Deep Learning** Jun 2024 - Aug 2025  
AI-powered wearable device for real-time seizure prediction and alerting, utilizing EEG signals.
  - Achieved nearly 90% accuracy in seizure detection.
  - Enabled caregiver notifications via IoT for timely medical intervention.
- ZenVision: Real-time Yoga Pose Recognition** Jan 2024 - Mar 2024  
AI-powered computer vision system for recognizing yoga poses and providing corrective feedback.
  - Used OpenPose + TensorFlow for real-time detection and classification of poses.
  - Integrated CNN classification and feedback overlays for posture correction.
- Blog Management System** Mar 2024  
Crafted to streamline content creation, publication, and reader engagement.
  - Tools & technologies used: PHP, HTML, CSS, MySQL
  - Designed a Blog Management System to empower creators in efficiently managing content and operations.

TECHNICAL SKILLS AND INTERESTS

Languages: C programming, Java, TypeScript  
Developer Tools: VS Code, GitHub  
Frameworks: Next.js, React.js, Express.js, Nest.js  
Cloud/Databases: AWS, MySQL, MongoDB, Supabase, PostgreSQL  
Soft Skills: Leadership, Communication, Teamwork  
Areas of Interest: Blogging, Writing, Community Service, Photography

CERTIFICATE

- Build Action Flows, Celonis Oct 2025
- Use and Interpret Views, Celonis Oct 2025
- Build Views, Celonis Mar 2025
- Get Data into Celonis, Celonis Feb 2025
- Write PQL Queries, Celonis Feb 2025
- Create an intelligent document processing solution with Azure AI Document Intelligence, Microsoft May 2024

ACHIEVEMENTS / POSITIONS OF RESPONSIBILITY

- Head of Community, ISDC  
Led the Information Science Student Developer Community (ISDC), organizing events, fostering collaboration and guiding members in technical and community initiatives. Nov 2024 - Aug 2025
- Worked with Content Team, SOSC  
Worked with the content team of SOSC as a content writer, creating content and reports for various events like CodeBlaze and Devhost 2024 June 2023-July 2024
- Member, IEEE  
Member of IEEE Sahyadri Student Branch, Mangaluru 2023-24
- Team lead, ISCODERZ  
Led team in developing and managing websites of Shri Harihareshwara Temple and Shrirama Temple Chokkadi,focusing on user experience and accessibility. December 2023- November 2024