

# Shivani N

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## EDUCATION

### Sahyadri College of Engineering and Management

*Bachelor of Engineering in Computer Science, 7.96 CGPA*

Adyar, Mangalore

*December 2021 - July 2025*

### Boscoss PU College

*Physics, Chemistry, Maths, Biology, 92%*

Blueberry Hills, Mangalore

*July 2019 - July 2021*

## EXPERIENCE

### Software Development Intern

October 2023

*Accolade Tech Solutions*

*Karnataka, India - Remote*

- Coordinated collaborative meetings that streamlined workflows, clarified team objectives, and improved efficiency by 20%, reducing project completion time by 15%.
- Completed a project using Python, Gradio, and Hugging Face, earning company satisfaction and reinforcing the value of collaboration, innovation, and dedication in tackling complex challenges.

## TECHNICAL SKILLS

**Languages:** C, MySQL, Python, HTML/CSS, JavaScript

**Developer Tools:** Git/GitHub, Visual Studio Code, Postman, Supabase

**Libraries/Frameworks:** Cypress

## PROJECTS

### Bloodbank Management System | *MySQL, JavaScript, phpMyAdmin, DBMS*

February 2024

- Improved hospital inventory accuracy by 30% through efficient data management and MySQL queries, utilizing phpMyAdmin for effective database operations.
- Implemented a donor registration platform, securely managing data and optimizing blood donation logistics.
- Designed a patient interface for registration, blood unit viewing, and request placement using HTML and CSS, increasing access to essential resources.

### AudioToScreenplay | *Gradio, Hugging Face, Python*

October 2023

- Led a team of four in developing a screenplay-generating web application using Gradio for the user interface and Hugging Face's large language models for script generation, cutting script production time by 50%.
- Enabled narration input via audio files, converting speech to text using a speech-to-text API, and processed the text into screenplays with Hugging Face's models.
- Increased creativity by 70%, enhanced collaboration, and reduced manual efforts by 80%, leveraging Gradio for seamless interaction and model integration.

### Hungry Hive | *JavaScript, Tailwind CSS, Postman API, Express.js, Node.js, MongoDB*

September 2023

- Developed a web application with recipe search, personal saving, and sharing; implemented JWT for secure cross-device access, boosting user engagement by 40%.
- Built backend with Express.js and Node.js, used MongoDB for data handling, designed with React and Tailwind CSS, improving navigation by 35% and reducing development time by 20%.
- Focused on responsive design with Pexels images, boosting user retention by 30% and enhanced API endpoint reliability by conducting extensive testing and debugging using Postman.

## CERTIFICATIONS

- Database and SQL from Infosys Springboard.
- AWS Cloud Practitioner Essentials, Crash Course on Python, Introduction to Git/GitHub from Coursera.
- Postman API Fundamentals Student Expert program from hands-on workshop at NITK Surathkal, hosted by COSH and IEEE.