

NISHITH B L

Puttur, Karnataka, India, 574210

Fullstack Developer Passionate About Cloud and DevOps

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Education

Sahyadri College of Engineering and Management

Bachelor of Engineering in Computer Science

Nov 2022 – April 2026

Mangalore, Karnataka

Experience

Sahyadri Open Source Community

Member

Jun 2023 – present

Mangalore, Karnataka

- Mentored juniors in **Hackharbor 2.0**, a **2 week Internship Program**.
- Had been part of **workshops on Git and GitHub**, and a **talk on Asynchronous JavaScript**.

Projects

Samvadh | *React.js, Node.js, MongoDB, Express, JWT, AWS S3, Render, Vercel*

May 2025

- Developed a full-stack **polling and discussion platform** supporting authenticated user participation and community-driven engagement.
- Implemented secure **JWT-based authentication** and role-based access control to manage protected routes and user permissions.
- Integrated **AWS S3** for efficient image storage and retrieval, ensuring scalability and low-latency access to media assets.
- Deployed a performant backend on **Render** and frontend on **Vercel**, enabling seamless CI/CD workflows and high availability.

DeployNow | *Node.js, AWS ECS Fargate, S3, Redis, Docker, Socket.io*

June 2025

- Designed and implemented a **Git-based static deployment platform** on AWS, enabling automated builds and scalable hosting of static sites.
- Leveraged **AWS ECS Fargate** to run on-demand **Dockerized build containers**, supporting isolated and parallel build pipelines.
- Integrated **Redis Pub/Sub** with **Socket.io** to stream real-time build logs to clients during deployments.
- Built a dynamic reverse proxy to serve static builds from **AWS S3** via subdomain-based routing architecture.

AlumniConnect | *React.js, Node.js, Express.js, MongoDB, Socket.io*

December 2024

- Developed the backend for a **student-alumni platform**, fostering real-time interaction and engagement.
- Implemented a secure authentication system with dedicated **alumni login** functionality.
- Enhanced user experience with a minimalist UI and real-time collaborative features using **Socket.io**.

Technical Skills

Languages: C, Java, HTML, CSS, JavaScript

Developer Tools: VS Code, Git, Postman, Redis, Docker, AWS ECS and ECR, EC2, AWS Lambda, AWS S3

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

Organizations

Member - NSS Sahyadri

Jun 2023 – present

- Actively Participated in Many social events including **Beach cleaning and City clean-up activities** .
- Conducted One-day Workshop for School students Regarding **Best Health practices** .

Achievements

Finalist - React-A-Thon

March 2024

Built a UI for a **card-based Pokemon game** during Reactathon by Technical Career Education.

Sahyadri College

Finalist - SkillsSangam Hackathon

Created a hospital automation app for token-based checkups, OT scheduling by emergency level, ML-based inventory analytics.