NISHITH B L

Puttur, Karnataka, India, 574210

Fullstack Developer Passionate About Cloud and DevOps

📞 +91-8105623537 ✉ nishithbl2004@gmail.com 🔗 linkedin.com/in/nishithbl ⚫ github.com/nishith-b

Education

Sahyadri College of Engineering and Management — Nov 2022 – April 2026
Bachelor of Engineering in Computer Science — *Mangalore, Karnataka*

Experience

Sahyadri Open Source Community — Jun 2023 – present
Member — *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.

Media Morpher | *React, Node.js, AWS S3, SQS, ECS Fargate, FFmpeg, Docker* — July 2025
- Engineered an **event-driven video transcoding pipeline** for on-demand media processing using FFmpeg and AWS services.
- Utilized **AWS S3** for input/output storage and **SQS** to trigger processing tasks on new uploads.
- Deployed **Dockerized FFmpeg workers** on **ECS Fargate**, enabling scalable and serverless video transformation.
- Developed a React-based frontend for file uploads and download links using secure **pre-signed S3 URLs**.

DevHub | *Next.js, Node.js, MongoDB, Redis, RabbitMQ, Docker, Render, Vercel* — May 2025
- Built a full-stack **blogging platform** supporting blog creation, saving, and commenting with Google OAuth-based authentication.
- Architected a **microservices-based backend** with separate services for users, authors, and blogs.
- Implemented **Redis caching** for blog search and used **RabbitMQ** with Redis to implement caching.
- Dockerized all services and deployed them on **Render**, with the Next.js frontend hosted seamlessly on **Vercel**.

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