

VISHWA HEGDE

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SUMMARY

Curious and adaptable developer passionate about building scalable and user-friendly applications. Enjoys working across the stack, from crafting intuitive UIs to designing efficient backend architectures. Loves learning new technologies and solving complex problems.

EDUCATION

B.E., Computer Science (AI & ML)

VTU Belagavi

RNS Institute of Technology, Bangalore, India

Relevant coursework: DSA, Operating Systems, DBMS, Computer Networks

Graduating May 2025

7.19 CGPA

TECHNICAL SKILLS

Languages: JavaScript, CSS, Python, SQL

Frameworks and Libraries: React.js, Tailwind.css, Redux, Node.js, Django

Tools / Platforms: Docker, Kafka, Git, PostgreSQL, Linux, MongoDB

Other Skills: REST API, Microservices, Containerization

PROFESSIONAL EXPERIENCE

Shyena Solutions Pvt. Ltd., Bangalore: Full Stack Developer Intern

Apr 2024 – July 2024

- Developed new features and fixed bugs for an enterprise application, contributing to both frontend (React, Redux, Tailwind) and backend (Django, PostgreSQL, Kafka).
- Quickly learned and applied Tailwind CSS and Redux to contribute effectively to the frontend development.
- Created new APIs to handle complex workflows and optimized existing APIs to improve response time.
- Created pipelines to store log data on Kafka topics, improving real-time monitoring and debugging capabilities.

PROJECTS

YouTube Video Summarization System

Nov 2023 – Jan 2024

Developed an application to summarize YouTube videos by providing a link.

- Designed and implemented the frontend using ReactJS to display summaries and facilitate user interactions.
- Backend built using Django to process video links or uploaded files to generate summaries.
- Developed REST APIs to connect backend and frontend.
- Integrated speech-to-text capabilities with Python scripts to extract and summarize content.

Bookstore Management

Mar, 2024 - Apr, 2024

A web application to create and manage an online bookstore, built to demonstrate database concepts for DBMS academic subject.

- Built an end-to-end project from scratch using the MERN Stack and REST API architecture.
- Implemented a user-friendly frontend using ReactJS.
- Designed a database schema and implemented in MySQL to manage book records.

Labour Management

Dec, 2023 - Jan, 2024

A CRUD application for managing labour attendance, built with NodeJS and MongoDB.

- Used Embedded JavaScript (EJS) as the templating library for dynamic content rendering.
- The backend logic and API endpoints were implemented using Node.js and Express.js.
- Containerized the application using Docker and deployed it on AWS.
- Integrated MongoDB for data storage and retrieval.