

Vishwabandhu K N

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EDUCATION

PES College Of Engineering , Mandyā

CGPA : 8.0

Bachelor of Engineering in Information Science and Engineering

2022 – 2026

B Lingaiah Res PU College , Sirigere

Percentage : 86%

PCMB

2020 – 2022

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, HTML, CSS

Frontend Library: React

Frameworks: Node.js

Database: SQL (MySQL)

Familiar Language: Java

Developer Tools: Git/Github, VS Code, Turbo C++, IntelliJ, Eclipse

PROJECTS

GyanPatra | React, Node.js, Express.js, TailwindCSS,

[GITHUB](#)

- Developed a full-stack multilingual news platform supporting English, Kannada, and Hindi, aggregating live updates from 2 English, 2 Kannada, and 3 Hindi newspapers via RSS Feeds and web scraping, with Redux for global language state management and dynamic translation.
- Implemented responsive UI with category-based filtering, smooth navigation, and efficient state handling to deliver a seamless, personalized multilingual news experience.

Community | React, Node.js, MongoDB, Stream API

[GITHUB](#)

- Designed and deployed a full-stack video calling and chat application using Redux and TanStack Query, enabling users to connect as friends and learn new languages through real-time video and text conversations with 98% communication reliability.
- Implemented secure user authentication, friend management, and Stream API-based real-time messaging, ensuring low-latency performance and a smooth, scalable language-learning experience.

CodeSync AI Chat | React, MongoDB, Socket.io, Redis, Gemini API, Node.js

[GITHUB](#)

- Developed a full-stack AI-powered real-time developer chat application using React, Redux, Node.js, MongoDB, and Socket.io, integrating the Gemini API to deliver 90% accurate coding assistance with secure authentication and role-based access control.
- Enhanced system performance and scalability with Redis caching, RESTful APIs, and real-time AI response streaming, ensuring smooth and synchronized collaboration for developers.

COURSEWORK

Data Structures and Algorithms (DSA), Object Oriented Programming (OOPs), Algorithm Design and Analysis (ADA), Computer Networks (CN), Operating Systems (OS), Database Management System (DBMS)

CODING PROFILES

LeetCode: Solved 300+ DSA problems; highest contest rating - 1605 [LINK](#)

GeeksForGeeks: Solved 250+ DSA problems [LINK](#)

Coding Ninja's: Total Experience Points: 6,650 [LINK](#)

RESPONSIBILITY AND INVOLVEMENT

FOSS Club - Served as a Web Developer, designing and implementing event pages, enhancing the club's website functionality, and leading technical initiatives.