

# Vishwabandhu K N

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## EDUCATION

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**PES College Of Engineering , Mandya**

*Bachelor of Engineering in Information Science and Engineering*

CGPA : 8.0

2022 – 2026

**B Lingaiah Res PU College , Sirigere**

*PCMB*

Percentage : 86%

2020 – 2022

## TECHNICAL SKILLS

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**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

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**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.

**Comunity** | *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

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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

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**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

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