

# Venkatesh R Kamath

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## Education

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### Canara Engineering College

*Bachelor of Engineering in Information Science CGPA of 8.3 (5th sem)*

Benjanpadav, India

*Dec. 2021 – May 2025*

### Vidyodaya Pre University College

*Studied Physics, Chemistry, Mathematics, and Statistics Overall Percentage: 87.5%*

Udupi, India

*Aug. 2019 – May 2021*

### S.V.S High School

*Completed School Education with a percentage of 91.04*

Udupi, India

*Jun. 2007 – Mar. 2019*

## Projects

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### Code Sync - A Realtime Code Editor | [CodeSync](#) | 06 2024,Present

*TypeScript, Next.JS, Tailwind, Node.JS, Express.JS, Socket.io*

- Real-time Collaboration: Collaborate simultaneously on code edits across multiple files with live updates
- Comprehensive Toolset: It offers functionalities such as file management (open, edit, save, delete), code execution directly within the editor, syntax highlighting with auto-language detection, and support for various programming languages
- Enhanced User Interaction: Unique room IDs, user presence, real-time tooltips, group chat, and collaborative drawing
- Accessibility and Customization: Multiple themes, font options, auto-suggestions, enhancing user coding experience and flexibility

### DarkSurfer: Extension to Detect Dark Patterns on Webpages | [DarkSurfer-Extension](#) | 01 2024,Present

*Python, JavaScript, Jupyter Notebook*

- DarkSurfer-Extension, is a tool that uses advanced large language models to detect dark patterns on websites, enhancing user transparency
- Users can install the extension from cloning the GitHub repository, receiving real-time alerts and highlighted elements to identify and avoid dark patterns.
- Visualized GitHub data to show collaboration efforts.

### LinkedIn Sentiment Analysis | [Github-Repository](#) | 12 2023,Present

*Python, Streamlit, Selenium*

- Conducts sentiment analysis on LinkedIn posts and comments to provide valuable insights and understanding
- Enables comparison with competitors to analyze performance and develop effective strategies for improvement
- Offers an intuitive dashboard to visualize metrics, engagement levels, and historical trends efficiently

### DevSync: An Application to Help Pair Programming Randomly Online | 03 2024,Present

*TypeScript, Next.JS, Tailwind, Drizzle, Docker, Postgres Database*

- Seamless project matching: Find projects matching preferred languages, ensuring alignment with expertise and interests
- Real-time collaboration: Engage in live video calls and screen sharing for effective team communication
- Collaborative code editor: Simultaneously edit code, fostering efficiency, consistency, and quality in development processes.

## Technical Skills

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**Languages:** Java, JavaScript, Python, C, TypeScript

**Developer Tools:** NextJS, ReactJS, Tailwind, NodeJS, MongoDB, Docker, Firebase, MySQL, ExpressJS, Postman, Git

## Achievements

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- CodeBlaze Hackathon : Winners under open theme
- Edu-Vitality Hackathon : Runners in the track of AI in Education
- Dark Pattern Buster Hackathon : Finalist in Hackathon organized by the Consumer Forum of India