

# Vaibhav Kothari

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## Education

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### Bennett University

Aug. 2023 – 2027

*Bachelor of Technology in Computer Science*

*Greater Noida, Uttar Pradesh*

## Professional Summary

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Passionate and results-driven Computer Science student at Bennett University with hands-on experience in web and software development. Proficient in modern technologies like **Next.js, React.js, Node.js, Django, and FastAPI**, alongside a strong foundation in **Python, C++, and MySQL**. Adept at **building responsive, scalable, and user-friendly web applications**. Seeking to contribute my technical expertise and innovative mindset to a dynamic and growth-oriented organization.

## Projects

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### Sanjeevan - Video Calling Application for Speech Impaired People | HTML, CSS, JavaScript, Python, Web-RTC, Agora

- Developed a web application that facilitates communication for speech-impaired individuals using AI-based hand sign detection.
- Achieved **1st prize in the AI track** at **Hackaccino**, a hackathon organized by the CSI Chapter at Bennett University.

### PaiseKaHisab – Open Sourced Money Tracker | JavaScript, Firebase

- Designed and implemented a web app to track expenses, visualize spending through dynamic charts, and fetch financial advice via the Advice Slip API.
- Leveraged Firebase for authentication and GitHub API for live commit tracking, adhering to industry-standard security practices.
- Contributed 20+ merged pull requests during Hacktoberfest 2024.

### SentiTune | Python, FastAPI, Spotify API

- Created a mood-based song recommendation system achieving 92% AI model accuracy.
- Built a user-friendly frontend using HTML, CSS, and JavaScript, with backend powered by FastAPI and Uvicorn.
- Integrated Spotify API to provide song recommendations for moods like Happy, Sad, Angry, and Calm.

## Technical Skills

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**Languages:** Python, C++, JavaScript, HTML/CSS, Tailwind CSS

**Technologies/Frameworks:** React.js, Next.js, Node.js, Django, FastAPI, jQuery, Git, GitHub, Appwrite, Astro

**Databases:** MySQL, MongoDB, Firebase

## Leadership / Extracurricular

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### **Web-Developer** | The NexCraft <https://www.thenexcraft.com>

Oct 2024 – Dec 2024

- Developing fast, scalable, and maintainable web applications using Astro and TypeScript.
- Collaborating with a dynamic team to deliver innovative client solutions.

### **Technical Co-Head** | FullStack Club - Bennett University

Oct 2024 – Present

- Contributed to frontend development during workshops, enhancing user interface and user experience.
- Played a pivotal role in developing and maintaining the club's website, ensuring its functionality and visual appeal.