

# Khushi Aggarwal

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## EDUCATION

### VIT Bhopal University

*Bachelor of Technology in Computer Science - CGPA - 8.60*

Bhopal, Madhya Pradesh

*Sep. 2022 – Present*

### K.K. Public School

*Class XII - Score : 92.8%*

Khatauli, Uttar Pradesh

*May 2022*

### S.T. Thomas School

*Class X - Score : 96%*

Khatauli, Uttar Pradesh

*May 2020*

## TECHNICAL SKILLS

**Languages & Technologies:** Java, Python, C/C++, PHP, SQL, JavaScript, AWS

**Frameworks & Libraries:** React.js, Node.js, Express.js, Flask, GSAP, NumPy

**Developer Tools:** Git, npm, Postman, MongoDB Atlas, VS Code, Visual Studio, IntelliJ, Eclipse

**Databases:** MongoDB, PostgreSQL, Mongoose

## EXPERIENCE

### Software Developer Intern

*STAYCHAT AI*

Nov. 2025 - Jan. 2026

*Varanasi*

- Worked as a Developer Intern, developing AI-driven features using a **Python backend**, **React frontend**, and **MongoDB**
- Assisted in building a **Retrieval-Augmented Generation (RAG) model**, contributing to data ingestion, retrieval workflows, and backend integration.
- **Integrated frontend with AI and backend APIs**, handling data flow, error states, and improving performance and user experience.

### Full Stack Developer

*AI Club*

Feb. 2023 - Apr. 2025

*VIT Bhopal University*

- **Led MERN stack development** for official club website with dynamic user interface and secure MongoDB authentication
- **Built API-integrated applications** including recipe platform using Edamam API, demonstrating front-end expertise and scalable architecture

## PROJECTS

**FaceKey** | *Machine Learning, Python, CNN, Flask, PostgreSQL, Javascript, Git*

(Feb. 2024 - May 2024)

- **Developed frontend interface and integrated backend APIs** for facial recognition system, ensuring seamless communication between user interface and machine learning models.
- Developed machine learning models using TensorFlow and OpenCV, boosting login efficiency by 30% and enabling **password-less access**.
- Improved security with **blink detection** for liveliness, enhancing CNN model performance by 30%.
- Achieved **90.91% accuracy** in facial recognition, ensuring secure and efficient user access.

Link : [github/Facekey](https://github.com/Facekey)

**Realtime ChatApp** | *Full stack Webdev, PHP, Javascript, HTML, CSS, AJAX, MySQL*

(July 2024 - Aug. 2024)

- Developed a chat app with PHP, JavaScript, and AJAX for **real-time messaging**.
- Managed **MySQL database** for efficient storage and retrieval of chat data.
- Integrated secure user **authentication** for private and secure messaging.

Link : [github/ChatApp](https://github.com/ChatApp)

## CO-CURRICULAR & ACHIEVEMENTS

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- **Qualified for Smart India Hackathon 2023**, outperforming 500+ participants across 3 internal rounds with exceptional problem-solving skills
- **Achieved Elite Silver badge in Cloud Computing** from NPTEL Swayam (IIT Kharagpur) with 75% score, ranking in top 5% of 20,000+ participants
- **Workshop Speaker at GupShup** - presented on GitHub and open source development benefits, guiding students through version control and collaboration tools