

KHUSHI AGGARWAL

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science - CGPA - 8.60

Bhopal, Madhya Pradesh

Sep. 2022 – Present

Khatauli, Uttar Pradesh

May 2022

Khatauli, Uttar Pradesh

May 2020

K.K. Public School

Class XII - Score : 92.8%

S.T. Thomas School

Class X - Score : 96%

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

Nov. 2025 - Jan. 2026

STAYCHAT AI

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

Feb. 2023 - Apr. 2025

AI Club

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](#)

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](#)

CO-CURRICULAR & ACHIEVEMENTS

- 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