Khushi Aggarwal

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EDUCATION

VIT Bhopal University   Bhopal, Madhya Pradesh
*Bachelor of Technology in Computer Science - **CGPA - 8.68***   *Sep. 2022 – Present*
K.K. Public School   Khatauli, Uttar Pradesh
*Class XII - **Score : 92.8%***   *May 2022*
S.T. Thomas School   Khatauli, Uttar Pradesh
*Class X - **Score : 96%***   *May 2020*

TECHNICAL SKILLS

Languages: Java, Python, C/C++, PHP, SQL, JavaScript
Frameworks & Libraries: React.js, Node.js, Express.js, Flask, GSAP, NumPy
Developer Tools: Git, npm, Postman, MongoDB Atlas, VS Code, Visual Studio, IntelliJ, Eclipse, Jupyter Notebooks
Databases: MongoDB, PostgreSQL, Mongoose

PROJECTS

FaceKey | *Machine Learning, Python, CNN, Flask, PostgreSQL, Javascript, Git*   (Feb. 2024 - May 2024)
- 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

EXPERIENCE

Full Stack Developer   Feb. 2022 - 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

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

CERTIFICATIONS

- Completed **The Bits and Bytes of Computer Networking** course on Coursera, gaining expertise in computer networking fundamentals and protocols (Dec 2023). **- Coursera**
- Certified in **Cloud Computing** by NPTEL, acquiring in-depth knowledge of cloud architecture and computing principles (May 2024). **- NPTEL Swayam**
- Enrolled in **Data Science: From Basics to Advanced** on Udemy, strengthening expertise in data analysis, machine learning, and statistical modeling. **- Udemy (ongoing)**