

VISHWAS KUMAR

Chennai, India

+91 - 7004582723 ✉ [vishwaskumar223311@gmail](mailto:vishwaskumar223311@gmail.com) [in linkedin](#) [github](#)

Technical Skills

Languages: Python, Java, C++, C, Dart, HTML, CSS, JavaScript, SQL, MongoDB, Linux

Developer Tools: VS Code, Eclipse, AWS, Android Studio, Netbeans

Frameworks: React, Node.js, Express, Django

Projects

Integrated Development Environment | *React, Node.js, Express.js, Mongo db* **October 2024**

- Developed a full-stack IDE using React.js for the frontend and Node.js with Express for the backend, enhancing user interactions and coding capabilities.
- Integrated and implemented a MongoDB database to optimize storage and retrieval of user profiles, reservations, and code submissions.
- Built a RESTful API to handle authentication, registration, and core application functionalities.
- Utilize Cors.js for secure authentication and data validation, ensuring robust access control and integrity.

ChatBot | *Python, Gemini, Visual Studio Code* **October 2024**

- Built a Python-based chatbot integrating the Gemini API for automated user interactions and response generation.
- Implemented image processing with OpenCV and PIL to analyze and enhance visuals before generating descriptions.
- Developed a responsive UI using Streamlit, linking six distinct scenes to improve navigation and boost task completion rates by 30%.

Parkinson's Disease Prediction Using Audio Samples | *Python, Visual Studio code, AI/ML* **April 2025**

- Developed a machine learning model to detect Parkinson's disease using vocal biomarkers (jitter, shimmer, HNR) from patient audio samples.
- Used Python, Librosa, and PyaudioAnalysis for audio feature extraction and preprocessing of voice recordings.
- Trained and evaluated classifiers like SVM, Random Forest, and Logistic Regression using scikit-learn, achieving high accuracy.
- Delivered a non-invasive, cost-effective AI solution for early-stage Parkinson's detection, suitable for remote screening applications.

Certification

Cloud Infrastructure Certification **September 2024**
CDAC, VIT Chennai *Chennai, Tamil Nadu*

Education

Vellore Institute of Technology **July 2024 – May 2026**
Master of Computer Application, 8.45 CGPA *Chennai, Tamil Nadu*

LN Mishra College of Business Management **July 2021 – May 2024**
Bachelor of Computer Application, 7.7 CGPA *Muzaffarpur, Bihar*