

# Shreya Kumari

+91 9661389809 | Patna, Bihar

Email- [shreyakumari0652@gmail.com](mailto:shreyakumari0652@gmail.com) | LinkedIn - [Shreya Kumari](#) | GitHub - [Shreya Kumari](#)

## Education

**Bachelor of Computer Science:** VIT Bhopal University – 8.68/10

**Class XII:** Ishan International Public School – 84.7%

**Class X:** Sun High School – 90.77%

Sep 2022 – Present

Apr 2020 – July 2021

Apr 2018 – May 2019

## Skills

- **Languages & Web Technologies:** Python, Java, JavaScript, SQL, HTML5, CSS3
- **Frontend Development:** React.js, React Router, Bootstrap, Tailwind CSS
- **Backend & Databases:** Node.js, Express.js, RESTful APIs, MongoDB, Mongoose, MySQL
- **Data Science & AI:** NumPy, Pandas, Matplotlib, TensorFlow
- **Tools & IDE:** Git, GitHub, VS Code, Postman, Jupyter, PyCharm, IntelliJ IDEA, Android Studio
- **Soft Skills & Practices:** Agile workflows, Version control, Debugging, Documentation, Cross – functional teamwork, Communication, Adaptability, Problem-solving

## Projects

**Tara – AI Virtual Assistant** ([GitHub](#))

Aug 2024 – Nov 2024

- **Implemented a full-stack AI voice assistant using the MERN stack**, integrating secure JWT-based authentication and real-time voice input via the Web Speech API, achieving **85% voice recognition accuracy across varied accents and environments**.
- **Integrated Gemini AI for intelligent response generation**, reducing manual user interaction by **60%** and **enhancing accessibility**, while **boosting voice processing speed by ~290ms**.
- **Optimized backend performance**, improving response times by **30%** through asynchronous routing, controller refactoring, and reduced payload size; **deployed seamlessly on Render with automated CI/CD pipelines**.

**SHOPEZ – MERN Stack E Commerce application** ([GitHub](#))

Jan 2025 – May 2025

- Implemented a **scalable full-stack e-commerce platform** using **MongoDB, Express.js, React, and Node.js (MERN)**, featuring **secure user authentication**, and **real-time cart operations** for seamless user experience.
- **Integrated and optimized RESTful APIs**, achieving **response times of ~280–300ms**, improving **transaction efficiency** and **reduced page load times by 25%**.
- **Simulated payment gateway for end-to-end purchase flow testing**, and used **Miro** and **Mural** to map system workflows, plan features, and **align cross-functional teams on technical execution and design clarity**.

## Certifications & Experiences

**ARTIFICIAL INTELLIGENCE – IBM** ([Coursera](#))

Oct 2024 – Nov 2024

- **Applied machine learning and deep learning using Python (Scikit-learn, TensorFlow, Keras)** to solve business problems like forecasting and classification, resulting in up to **30% improvement in decision accuracy** and **workflow efficiency**.

**PYTHON FOR DATA SCIENCE & AI – IBM** ([Coursera](#))

Nov 2024 – Dec 2024

- **Acquired practical experience in Python, data visualization, REST APIs, and automation** leveraging Jupyter and Pandas; **streamlined data pipelines and reporting**, cutting manual analysis time by up to **40%**.

**SHOPEZ: E Commerce application** ([SmartInternz](#))

Jan 2025 – May 2025

- Designed and deployed a **MERN e-commerce platform** with login, cart, and product features; **cut API latency to ~280ms** and improved load speed by **25%** through efficient team planning.

## Leadership & Achievements

- **Spearheaded multi-channel outreach campaigns**, increasing engagement by **40%** and turnout by **35%**; **coordinated logistics and volunteer teams** for *Advitya* (500+ attendees), ensuring timely event delivery and effective team coordination with 10+ volunteers and college officials.
- Led planning and facilitation of **5+ technical workshops**, enhancing delivery speed by **15%** and strengthening team collaboration; **collaborated with university faculty and Patna Traffic Police** on traffic data analytics and **proposed a civic-tech solution** that qualified for **Smart India Hackathon 2024 (Internal Rounds)**.