

# Shreya Kumari

Reg. No.: 22BSA10327

Bachelor of Technology

VIT Bhopal University, Bhopal

+91-7004465956

shreyaaaasingh8@gmail.com

github.com/shreyakumari0911

https://www.linkedin.com/in/shreya-k-955819221

## EDUCATION

### VIT Bhopal University, Bhopal

Bachelor of Technology in Computer Science and Engineering

Specialization in Cloud Computing and Automation

2022-Present

CGPA: 8.89

## PROJECTS

### Niti-Nirman (EY Techathon 5.0)

Jan 25

An AI and NLP driven platform aimed at streamlining access to government schemes and services for rural people.

- Built a BERT-based Natural Language Processing (NLP) system to analyze user details and match them with 1000+ government Schemes, improving accessibility for rural citizens with 85% accuracy.
- Applied an OCR-based document verification system to extract and verify Aadhaar & other IDs, reducing manual verification time by 70% and improving trust.
- Integrated Gemini API for an intelligent chatbot, handling 500+ queries monthly, providing instant and multilingual guidance on government schemes.

**Technologies:** React.js, Python, FastAPI, Supabase, BERT, OCR, Gemini API, SQLite, Typescript, Flask

### Cognito (Team Project)

Dec 23

An AI-powered facial recognition system for secure authentication and attendance tracking.

- Developed a real-time face recognition system using OpenCV and deep learning, achieving 98% accuracy in identity verification.
- Enhanced processing efficiency to achieve real-time face matching in under 1 second, ensuring scalability for enterprise-level applications.
- Implemented an automated attendance logging system with daily storage and downloadable reports, reducing manual record-keeping by 80%.

**Technologies:** Python, OpenCV, TensorFlow, Deep Learning, SQLite, Flask, HTML/CSS, JavaScript

### TravelSphere (Team Project)

Mar 25

An all-in-one travel booking and social experience platform for flight search, agency partnerships, and traveler networking.

- Designed and developed core modules like Flight Search, Agency Enrollment, and User Profiles using React.js, ensuring responsive and mobile-friendly UI with smooth navigation.
- Integrated MongoDB for managing user data, flight details, and chat history, enabling structured and scalable storage with high data consistency.
- Designed and deployed a modular Admin Dashboard to manage users, flights, and reports, enabling moderators to take real-time action on flagged users or content.
- Enabled secure user authentication using JWT, and OAuth-based signups via Gmail and LinkedIn, streamlining user onboarding across platforms.

**Technologies:** React.js, Spring Boot, MongoDB, WebSockets, Firebase, JWT, Gmail OAuth, LinkedIn OAuth, HTML/CSS, Redux, Notion, GitHub

## EXPERIENCE

### Full Stack Web Developer & UI/UX Designer Intern

Satyamev IAS – May 21, 2024 – June 29, 2024

- Worked as a Full Stack Web Developer & UI/UX Designer at Satyamev IAS, contributing to end-to-end development using React, Spring Boot, MongoDB, and AWS.

## TECHNICAL SKILLS

- Programming Languages:** Java, Go, Python, JavaScript
- Web Technologies:** FastAPI, Rest API, HTML, CSS, React.js, Typescript, Tailwind, Node.js, SpringBoot, Microservices, Flask, Tailwind, Linux, TCP/IP Protocols
- Databases:** MongoDB, MySQL, Firebase
- Cloud Platforms:** AWS, GCP
- DevOps Tools:** Git, GitHub, Cloudflare, Docker, Jenkins, Terraform, Postman
- Machine Learning:** TensorFlow, PyTorch, OpenCV, NumPy, Pandas, Scikit-learn, Flask, Cmake, CNN, NLP

## CERTIFICATES:

- GEN AI Using IBM Watsonx
- Postman API Fundamentals Student Expert
- HTML, CSS, and Javascript for Web Developers Coursera