

SHREYASH SRIVASTAVA

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Linkedin

Github

TECHNICAL SKILLS

Programming Language - C++, Python, JavaScript, SQL

Frameworks - Next.js, React, Express.js, Flask, Llamaindex

Databases - Azure Cosmos DB, Azure Blob Storage, Firebase, MongoDB, MYSQL

Tools and Services - Microsoft Azure (App Service, Function App, Azure OpenAI), Docker, LLMs

Certifications - [Google - Bits and Bytes of Computer Networking](#), [NPTEL - Introduction to Machine Learning](#)

EDUCATION

VIT Bhopal University

August 2023 - Present

B.Tech in Computer Science & Engineering

9.08/10 CGPA

Relevant Coursework: Object Oriented Programming, DMBS, Operating System, Data Structures and Algorithms, Discrete Mathematics, Machine Learning, Web-Programming, Amazon Web Services.

WORK EXPERIENCE

Docu3C

July 2025- Present

AI Prompt Engineer

- Engineered a multi-agent trip planner utilizing LlamaIndex, incorporating 5+ specialized subagents to automate travel research and itinerary creation, resulting in a 90% reduction in user planning time.
- Designed a RAG-based document analysis system on Microsoft Azure OpenAI, leveraging advanced NLP (TF-IDF, NMF) and metadata processing to reduce token consumption by 90% and slash processing time for 500+ page documents by 98%.
- Python, Flask, Microsoft Azure Services, LlamaIndex, Next.js*

GirlScript Tech

Sept 2024- Nov 2024

Full Stack Developer

- Developed a high-performance registration system using Next.js and MongoDB that managed over 28,000+ user registrations in a 1.5-month period while maintaining system stability and data integrity.
- Built a scalable Program Leaderboard with Node.js/Express.js and a GraphQL API, optimizing real-time data aggregation and ranking algorithms to ensure efficient performance for 3000+ concurrent users.
- Next.js, MongoDB, Express.js, GraphQL, Express.js*

PROJECT WORK

- Posture-Perfect:** Made a real-time AI fitness coach web app with a 3D coach for form correction, implementing posture recognition via OpenCV and MediaPipe and optimizing backend latency to under 1 second in Flask. Selected for SIH 2024.
- Smart-Roomie:** Built an intelligent rental platform that uses LLM semantic analysis for roommate matching, multi-sensor AI verification, and biometric authentication with AI-generated agreements to ensure security and compatibility.
- GestureOS:** Created a live gesture recognition system by fusing CNN and LSTM network based ML model to classify static and multi-step gestures, deploying it in an application that automates system operations like navigation and media control through real-time commands.

RECOGNITIONS & LEADERSHIP

- Top 25 Contributor, GSSoC'24:** Ranked among the top 25 contributors out of 2,500+ participants globally; got 115+ PRs merged across 10+ open-source projects within a 2-month sprint.
- President, Android Club:** Led the biggest technical club of university; responsible for organizing workshops, managing a team, and fostering a community of developers.