

# Shriya Sharma

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## EDUCATIONAL

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**New Jersey Institute of Technology - Newark, NJ** | *M.S. in Computer Science*  
GPA: 3.5

**May 2026**

**University of Mumbai – Mumbai, India** | *B.E. in Information Technology*  
GPA: 3.52

**June 2022**

**Certifications:** Google Data Analytics, Google Project Management, AWS- Introduction to Gen-AI, AWS Academy-Cloud Foundation

## EXPERIENCE

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**Office Assistant** | *New Jersey Institute of Technology*

**May 2025 - Present**

- Manage and update student housing databases (500+ records) in compliance with data privacy policies, digitizing and organizing confidential documents for faster retrieval.
- Generate reports and spreadsheets in **Excel** and **Google Sheets** to track program participation, maintenance requests, and occupancy trends.
- Provide administrative support and handle student inquiries, creating **digital forms, event materials, and communications** to support residential programs.

**System Engineer** | *Tata Consultancy Services*

**August 2022 - August 2024**

- Assisted in enhancing the **Transport Management Tool (TMA)** by developing Python scripts to automate parts of the SAP transport deployment process, helping reduce manual effort and improve efficiency.
- Supported monitoring activities for SAP landscapes, documenting issues and collaborating with senior developers to implement fixes.
- Contributed to backend tasks for Procure-to-Manage (PTM) and Procure-to-Pay (PTP) module deployments under the guidance of the development team.
- Helped integrate deployment workflows with ServiceNow for smoother incident tracking.

**Machine Learning Trainee** | *Knowledge Solutions India*

**June 2021 - August 2021**

- Analyzed healthcare datasets (10K+ records), building predictive models to evaluate heart attack risk.
- Delivered actionable health risk insights through visualization and stakeholder-friendly reports.
- Enhanced understanding of trend correlation between comorbidities for improved decision-making.

## SKILLS

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- **Programming Languages:** TypeScript, Python(including QA Testing using PyTest & Pylint), SQL, Java, JavaScript
- **Frameworks/Tools:** Figma, ReactJS, NodeJS, Express, Bootstrap, GitHub, Tableau, ServiceNow
- **Technologies:** Front-End Development, Cloud (AWS), UI/UX Design, Data Visualization, Web Development
- **Concept:** CI/CD Pipeline, DevOps, Docker, Cloud Computing, Agile/Scrum, SDLC, Automation
- **Soft skills:** Adaptability, Collaboration, Problem-Solving, Communication, Creative Thinking, Time Management

## PROJECTS

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**AI Voice Agent Interview Platform** (*In Progress*) | *Next.js, React, Node.js, TypeScript, VAPI, OpenAI API*

- Developing a real-time AI-powered voice assistant with speech-to-text, vice versa, and context-aware interview questioning.
- Built and deployed a responsive Next.js front-end with agent status tracking and low-latency API integration on Vercel.

**Money - Tracker Website** | *MongoDB, Express.js, React, Node.js (MERN)*

- Built a full-stack expense tracking web app with user authentication, transaction CRUD operations, and dynamic dashboards.
- Implemented RESTful APIs and front-end state management to visualize spending patterns and ensure seamless backend integration.

**Modular Python Calculator** | *Python, Pandas, Pylint*

- Created a CLI-based calculator with a dynamic plugin system and REPL interface.
- Applied design patterns for modularity and scalability. Also Containerized the application with **Docker**.
- Achieved 90%+ test coverage with Pytest and enforced PEP 8 standards using Pylint.