

Shriya Asija

Bangalore | Phone 6366488884 | shriyaasija123@gmail.com | [LinkedIn](#) | [Github](#)

EDUCATION

National Public School

High School Diploma | 10th Aggregate: 474/500 | 12th Aggregate: 467/500

Bangalore, Karnataka

Graduation Date: 2023

PES University

BTech in Computer Science & Engineering

Bangalore, Karnataka

Graduation Date: 2027

SKILLS

Languages: Python (proficient), JavaScript (moderate), C/C++ (moderate), C# (moderate), TypeScript (proficient)

Frameworks: React, Next.js, Node.js, Express.js, PyTorch, TensorFlow, Keras, scikit-learn

Cloud: Docker, Kubernetes, AWS, Azure, Git, GitHub Actions, CI/CD, SQL, PostgreSQL, MongoDB, Redis

Testing: requests, unittest, pytest, Selenium, Locust, BVT, regression testing

WORK EXPERIENCE

CISOGenie

Backend & Testing Intern

Bangalore, Karnataka

Jun 2025 - Present

- Architected secure data migration system using PostgreSQL, raw SQL, and comprehensive rollback capabilities with schema integrity validation, reducing migration time by 99% while eliminating data loss risks across 10,000+ compliance records.
- Designed scalable backend architecture with complex state management for compliance tracking, AI agent integration, automated scheduling, and risk assessment processes, maintaining 99.9% system uptime while supporting high concurrent user loads.
- Developed full-stack compliance management platform using Django REST APIs and frontend components enabling users to monitor, trigger, and track security compliance updates, improving workflow efficiency by 70% across multiple enterprise teams.

SP Jain Institute of Management and Research

Research Intern

Remote

Jun 2025 - Present

- Conducting computational social science research on anti-social behavior detection in chatbot conversations and online platforms using NLP, CausalML, and GenAI techniques to identify hate speech and abusive language patterns across digital communication channels
- Developing machine learning models integrating Generative AI and Agentic AI frameworks to solve real-world social and business problems, applying advanced algorithms for automated content moderation and behavioral analysis at scale

PROJECT EXPERIENCE

Portfolio Website ([link](#))

Technologies: Next.js, TypeScript, CSS3

Personal Project

- Developed responsive portfolio website using Next.js, TypeScript, and CSS3 with Windows XP themed design, implementing server-side rendering and static site generation for optimal performance and SEO optimization
- Deployed production-ready web application on Vercel with automated CI/CD pipeline, achieving 95+ Lighthouse performance scores and implementing responsive design principles for cross-device compatibility

Scheduling Management Platform ([link](#))

Technologies: Next.js, TypeScript, Tailwind CSS

Personal Project

- Engineered full-stack scheduling application using Next.js, TypeScript, and Tailwind CSS with calendar integration, user authentication, and meeting management functionality, replicating core Calendly features
- Implemented complex scheduling algorithms with time zone handling, availability management, and conflict resolution, supporting multiple user types and calendar synchronization across different platforms

LEADERSHIP EXPERIENCE

PES University

Editor PES MUN Society, Operations Head Appex PES

Bangalore, Karnataka

- Led operations management for pre-placement events serving 500+ students, implementing strategic initiatives that increased company-student engagement by 40% and improved career placement opportunities across multiple engineering disciplines
- Served as Operations Lead for PeCon'24 and Under Secretary General of Operations for PeCon'25, managing logistics and coordination for 700+ delegates while achieving awards in 7 out of 8 MUN conferences, demonstrating excellence in leadership, strategic planning, and competitive performance

OTHER ACHIEVEMENTS

- Received CNR Scholarship for all 3 semesters so far, awarded to the top 20% of the department
- Relevant Certifications: **Microsoft Azure Fundamentals Certification**, Machine Learning Specialisation (Stanford University)
- Solved 200+ coding problems on **LeetCode** demonstrating proficiency in data structures, algorithms, and problem-solving skills