SRIVATHSA SH

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PROFESSIONAL SUMMARY

Software Development Engineer with hands-on experience building responsive, production-ready web applications using modern JavaScript frameworks. Strong foundation in data structures, problem-solving, and the full software development lifecycle. Proven ability to collaborate across teams to deliver scalable, maintainable features with high code quality.

EDUCATION

VISVESVARAYA TECHNOLOGICAL UNIVERSITY — Bengaluru, IN
GLOBAL ACADEMY OF TECHNOLOGY: Computer Science and Engineering — *Dec2021 – Jul 2025*
CGPA: 7.93

SKILLS

Programming Languages: Java, Python, JavaScript
Web Technologies: Next.js, HTML, CSS, Tailwind CSS
Databases: SQL, MongoDB
Software Engineering: Data Structures & Algorithms, Object-Oriented Programming, REST APIs
Development Practices: Git, GitHub, Code Reviews, SDLC, Agile
Tools & Platforms: Docker (basic), Linux
Professional Skills: Problem Solving, Analytical Thinking, Workflow Design, Client Interaction, Cross-Functional Collaboration, Technical Documentation, Ownership & Accountability, Adaptability

EXPERIENCE

GEEKONOMY TECHNOLOGY — Bengaluru, IN
Full-Stack Web Developer Intern — *Present*
- Developed and optimized React.js (Next.js) consumer-facing web features, focusing on performance, reusable components, and scalable UI architecture.
- Implemented CRUD workflows and built reusable UI components, improving maintainability and frontend scalability.
- Collaborated with cross-functional teams to deliver scalable, high-performance solutions aligned with business requirements.
- Followed SDLC best practices (Git, pull requests, code reviews) and optimized frontend logic to reduce UI defects and improve performance.

CENTRE FOR AIRBORNE SYSTEMS (CABS), DRDO — Bengaluru, IN
Deep Learning Research Intern — *Oct 2024 – Nov 2024*
- Built an end-to-end machine learning pipeline covering data preparation, model training, validation, and performance testing
- Structured datasets and training workflows to support repeatable experimentation and evaluation cycles
- Contributed to system reliability through validation testing and documented deployment-ready workflows

PROJECTS

AI-Powered Video Automation Agent:
- Built a containerized automation system using Docker and N8N workflows to orchestrate multi-step AI processes
- Designed modular pipelines integrating LLM chains and external services for repeatable execution

YouTube Comment Analyzer:
- Developed a Python-based NLP pipeline for sentiment and trend analysis using Selenium and VADER
- Automated data extraction and analysis to generate actionable summaries

Online Book Store (MERN Stack):
- Developed a full-stack web application with React, Node.js, Express, and MongoDB
- Designed REST APIs and reusable UI components with a focus on maintainability and scalability
- Applied basic system design principles to structure frontend modules and data flows for maintainability

ADDITIONAL INFORMATION

Leadership & Volunteering: Volunteered to teach government school students basic computer applications (MS Word, MS PPT), Captain of Kabaddi and Cricket teams at Mahesh PU College (2019–2021), Led registration operations for *Genesys 3.0* technical fest at Global Academy of Technology (2024).
Certifications: Intro to Generative AI (Codecademy), Prompt Design (Google Vertex AI), Deep Learning & Applications (GAT).