

Srinath Shrestha

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B.Tech CSE

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EDUCATION

•Bachelor of Technology in Computer Science and Engineering

2022 – 26

Bennett University, Greater Noida

CGPA: 8.32

•Class XII

2022

Times Scholars Gurukul, Khurda, Odisha

Percentage: 89.60%

•Class X

2020

St. Mary's School, Udala, Odisha

Percentage: 87.80%

PROJECTS

•Bona - Collaborative Media Platform

Aug 2025

Full-stack platform for team chat and cloud media storage.

(Next.js, Neon DB, AWS S3)

- Implemented S3-backed storage, handling 100+ media uploads.
- Enabled secure sharing across teams.

•CartMate - Collaborative Shopping List App

Aug 2025

Collaborative real-time shopping list with multi-user editing.

(Next.js, Neon DB, WebSocket)

- Built a shopping list app supporting 20+ concurrent users, real-time sync under 200ms latency.

EXPERIENCE

•Backend Developer Intern

Jan - May 2025

SkyForge System Solutions

- Built the first production-ready backend for **Heliosensium** (AI parenting chat agent), implementing **Neon DB** + **Pinecone** integrations and secure payments with Dodo. Deployed on **Render**, enabling launch of the agent's v1.

•Full Stack Developer Intern

May - July 2025

LinkVerse

- Developed an internal certificate automation tool (Next.js + Puppeteer) used 100+ times to generate intern PDFs, eliminating manual formatting.
- Engineered AWS CloudFormation (CFT) methods layer + executeCFT utility for AI DevOps agent, automating infra provisioning and reducing setup time from hours to minutes.

ACHIEVEMENTS

•Finalist (27 Rank) Smart India Hackathon (SIH)

Sept - 2024

- Built a real-time ISL/ASL gesture recognition model using CNNs + LSTMs, classifying photos of hand signs into text with 80 Percent accuracy.

SKILLS

Languages and Frameworks: JavaScript (ES6+), Node.js, Express.js, React, Next.js, SQL (schema design, queries)

Developer Tools: Git, Docker, GitHub Actions (CI/CD), Vercel

Cloud/Databases: Neon DB, PostgreSQL, Pinecone, AWS (S3, CloudFormation, EC2)

Soft Skills: Client-facing, Solution-oriented, Improvisation under constraints

PUBLICATIONS & WRITING

- **Research Paper:** Authored a paper on a novel fault tolerance strategy in microservices, combining dynamic fallbacks with real-time anomaly detection. April 2025
- **Research Journal:** Published a journal article analyzing prevalent web vulnerabilities and proposing standard safe practices. May 2024
- **Tech Blogs:** Write technical blogs on development and systems, published on personal site *Srinath's Blogs*.

CERTIFICATIONS

Next.js 15 and React - The Complete Guide (Udemy) | MySQL (Infosys) | Bits and Bytes of Computer Networks (Google).