

# Nitansh Shankar

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## PROFESSIONAL SUMMARY

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2nd year Computer Science student at Amrita Vishwa Vidyapeetham with hands-on full-stack development experience in building interactive web applications and games using JavaScript, ReactJS, and Django. Fast learner with a strong sense of problem solving and a passion for building user centric applications.

## EDUCATION

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**Amrita Vishwa Vidyapeetham**

*B.Tech in Computer Science and Engineering*

**Coimbatore, India**

*2024 - Ongoing*

## TECHNICAL SKILLS

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**Programming Languages:** Python, JavaScript, Java

**Frontend:** HTML, CSS, ReactJS

**Backend:** Django, Django REST Framework, Node.js

**Databases:** MySQL

**Tools:** Git, VS Code

## WORK EXPERIENCE

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### SDE Intern

*Station-S, Sricity, India*

*Apr 2025 - Jul 2025*

- Developed and deployed full-stack web applications for interactive games using HTML, CSS, JavaScript, and ReactJS for the frontend.
- Built robust backend APIs using Django and Django REST Framework to handle logic, user data, and authentication.
- Designed and integrated MySQL databases to store and manage user states, progress, and session data.

## PROJECTS

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- **Dead Poets Society - Poetry Sharing Platform:** Built a full-stack web application using React, Supabase, and Tailwind CSS for poets to share and engage with creative work. Implemented secure Google OAuth authentication, poem submissions, social interactions (applauds, follows), profile management, and an admin dashboard for content moderation. Deployed on Vercel with smooth animations powered by Framer Motion. [GitHub](#) [Website](#)
- **Pit - A Simple Version Control System:** Developed a lightweight Git-like version control system in Python to understand the internals of version control. Implemented content-addressable storage, Merkle trees, and commit DAGs to manage snapshots, branching, merging (three-way merge), and diffing. Includes core commands such as init, add, commit, log, branch, merge, and revert. [GitHub](#)

## ACHIEVEMENTS

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- **State 2nd Place** in Puducherry Shooting Competition.
- **Winner, SIH Internal Hackathon:** Represented the university among 1800+ students in the Smart India Hackathon selection round.