Nilanshu Sharma

✉ sharmanilanshu30@gmail.com 📞 +91 7878173953 🌐 Portfolio in Nilanshu-Sharma ⌂ nilanshucodes

Experience

Founders Club   *Aug 2025 - Present*
Backend Team Member   *On-site*

- Implemented backend fixes for event sorting logic, ensuring upcoming events display in correct descending order across the platform
- Enhanced routing and page behavior by resolving redirect issues on the Events page for improved user navigation
- Added theme support by integrating Tailwind-based purple theme configuration through a shared theme provider
- Collaborated with other contributors through reviews and issue discussions, ensuring smooth feature delivery and adherence to project standards

Projects

AlgoRadar   *Oct 2025 - Present*

- Developed a competitive programming contest tracker aggregating events from Codeforces, AtCoder, CodeChef, and LeetCode using the CList API, deployed on **Vercel**.
- Architected a responsive frontend with platform/time filters, dark mode, and optimized client-side rendering for high UX performance.
- Built secure admin workflows for message management with session-based authentication and persistent storage using PostgreSQL + SQLAlchemy.
- Implemented a caching layer with Flask-Caching, reducing external API calls by **60%** and improving response times across endpoints.

DripFile   *Nov 2025- Dec 2025*

- Built a minimal, fast-loading personal portfolio website with Flask, featuring dynamic Home, Projects, and Resume pages powered by JSON-based content loading
- Engineered an auto-cleanup daemon that removes expired files every 60 seconds, ensuring minimal storage usage and stable server performance.
- Designed a lightweight responsive frontend with instant upload flow and real-time link generation requiring no user accounts.
- Optimized Flask app for serverless deployment on Vercel's WSGI runtime, achieving low cold-start latency and consistent uptime.

Personal Portfolio   *Nov 2025- Dec 2025*

- Built a minimal, fast-loading personal portfolio website with Flask, featuring dynamic Home, Projects, and Resume pages powered by JSON-based content loading
- Implemented secure static file delivery for resume downloads and structured routes with custom 404 handling for improved UX
- Designed a clean, responsive UI using vanilla HTML/CSS and Jinja2 templating with reusable components

Education

SRM Institute of Science and Technology, Chennai   *B. Tech in Software Engineering*
Aug 2024 - Jun 2028 (Expected)   GPA: **9.16/10**

Bansal Public School, Jaipur   *PCM (CBSE 12th)*
Apr 2023 - Apr 2024

Skills

Programming: JavaScript, TypeScript, C/C++, Python, SQL
Full Stack Development: Flask, HTML, CSS, JavaScript
Systems & Tools: PostgreSQL, MySQL, GitHub, Vercel, Supabase, Linux