Satvik Chandra

+918384887963 | satvikchandra100@gmail.com | Linkedin | GitHub | Portfolio

EDUCATION

Graphic Era (Deemed to be University) — Dehradun, Uttrakhand
Master of Computer Applications. | CGPA - 8.55 — *July. 2022 – July. 2024*

Graphic Era (Deemed to be University) — Dehradun, Uttrakhand
Bachelor of Computer Applications. | CGPA - 8.41 — *July. 2019 – July. 2022*

PROJECTS

lb.py | *Python, Socket, Threading, Computer Network, Algorithms* — GitHub
- Developed a multi-threaded load balancer from scratch.
- Implemented Round Robin algorithm for load distribution.
- Added health check functionality to manage server availability.
- Utilized multi-threading for improved execution speed and response time.

Limktree | *Next.js, PostgreSQL, Prisma, Tailwind CSS, Cloudinary, Recoil, Zod, Typescript* — GitHub
- Created a platform for sharing multiple links via a single customizable URL.
- Integrated Next.js for frontend and server actions.
- Employed Cloudinary for image uploads and Tailwind CSS for styling.
- Utilized Zod for input validations and JWT for authentication.
- Managed state using Recoil.

Shorty | *Next.js, Bun, Elysia.js, PostgreSQL, Prisma, Radix UI, Typescript* — GitHub
- Built a URL shortening service with a modern tech stack.
- Used Bun for runtime, Elysia.js for API framework, and Next.js for frontend.
- Implemented PostgreSQL and Prisma for database management.
- Styled with Radix UI and Tailwind CSS.
- Managed state using Recoil.

Styled | *Strapi, Next.js, GraphQL, Sqlite, Stripe, Flask, Python, Javascript* — GitHub
- Developed a full-stack E-commerce application using Strapi CMS and Next.js.
- Implemented a product recommendation system using Cosine similarity in Python.
- Used Auth0 for authentication and Stripe for payment processing.
- Integrated GraphQL for data querying and Axios for data fetching.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres, MySQL), JavaScript, Typescript, HTML/CSS
Frameworks & Libraries : React, Next.js, Node.js, Elysia.js, Hono, Express, Flask, Tailwind CSS, shadcn/ui, pandas, NumPy, Matplotlib, Scikit-learn, Socket
Tools & Technologies: Git, Docker, VS Code, PyCharm, WebStorm, Neovim, Postman, Jupyter

RELEVANT COURSEWORK

Operating Systems, Computer Networks, DBMS(Database Management Systems), Data Structures, Cloud Computing