Shivam Shakya

PortFolio Site - https://shivamportfolio-shivshakya.vercel.app/

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📁 OBJECTIVE

I am thriving to navigate my journey from science to technology. I wish to explore further into domains of technology which are spreading today's day world and identify my role for a progressive career growth.

</> SKILLS

- MERN stack
- SvelteKit
- Javascript
- TypeScript
- React Js
- Node Js
- Three Js
- Redux
- JAVA
- MongoDB
- Rest api
- graphQL
- MySQL
- Web sockets & PeerJs
- Tenserflow.js
- Python
- Machine Learning

🛠 CERTIFICATES

➢ **The Complete Web Developer in 2023: Zero to Mastery Certificate**

➢ **Complete NodeJS Developer in 2023: (GraphQL,MongoDB, +more)**

➢ **Machine Learning Hackathon (signal processing) 1st prize Certificate (Department of Mathematics , SPPU)**

📁 WORK EXPERIENCE

Full stack Developer (Internship) at RenderPub (Bengaluru) - (20 Oct 2023 - Present)

- ➢ Developed immersive spaces and metaverse generalization.
- ➢ Avatar and camera intersection in 3d space.
- ➢ Enabled multiplayer using web sockets and peer.js.
- ➢ VR setup for the immersive spaces.
- ➢ Build a Three.js web based 3d editor .
- ➢ Stripe based payment system in sveltekit.

📁 PROJECTS

1. E-commerce handicraft website (CraftStore) - (https://craft-store-ecom-shivshakya.vercel.app) **-** (12 Sep 2022 - 2 dec 2022)

- ➢ Implemented secure Authentification and Authorization using JWT and passport.js..
- ➢ Optimized search with filters , trie and pagination.
- ➢ Machine learning based recommendation system .
- ➢ Good User Interface with Cart System.
- ➢ Stripe based payment system.
- ➢ Technologies used — MERN stack.

2. Face Recognition Attendance System using ML algorithm- (https://facerecogize.vercel.app/) - (10 feb 2023 - 2 apr 2023)

- ➢ Proper Dashboard for training Dataset and testing it through web.
- ➢ Designed primarily for attendance tracking but adaptable for various purposes.
- ➢ Technologies used - Machine learning, python , flask ,react , node

3. Mess Management App(Aamchi mess)- (https://github.com/shivShakya/AamchiMess) - (22 jun - 10 July)

- ➢ A full stack android application developed in android studio java.
- ➢ Enable users to choose from available mess options with detailed info.
- ➢ Implementation of a barcode/QR code scanner for quick check-ins.
- ➢ Alert system for any update in menu.

4 . Department Project (https://github.com/shivShakya/DepartmentProjectMERN) - (15 sept 2023 - 12 nov 2023)

- ➢ A personal management system for department students and teachers.
- ➢ Alumni & Recruiter Registration and Email facility .
- ➢ Admin system .
- ➢ Students Project Showcase and Department Portfolio
- ➢ Technology Used - MERN stack .

5. 3d Games and Stuff - (12 dec 2023 - present)

➢ Meta Zoo - https://metazoo-shivshakya.vercel.app

➢ Robot Simulation - https://shivshakya.github.io/robotSimulation

➢ FloodFill Algorithm - https://floodfill-eight.vercel.app

EXTRA CURRICULAR ACTIVITIES

- Joined NSS In School and College and took Part in its various activities.

- Inter college debate competitions.

- Performed various theatre plays (Street play, stage play, mime) on social issues in various competitions in cultural Fest of Delhi University, IIT Bombay, IIT BHU, IIT Ropar.

INTERESTS

Mathematics, Coding, Literature, Writing, Acting and Drama.

EDUCATION

➢ **M.Sc. - IMCA (Industrial Mathematics and Applications), SavitriBai Phule Pune University**

➢ Sep 2021 – Present
Current CGPA: 7.2 (2nd year)
Course Work: Operation System, DBMS, DS & Algo. Computer Networks , Java , Typescript , DotNet , Python , Machine Learning etc.

➢ **B.Sc. (Physical Science with electronics), Delhi UNIVERSITY**
Acharya Narendra Dev College, Delhi Completed in June 2021
CGPA: 7.59
Course Work: Abstract Algebra, Microprocessor & Micro Controller, Linear & Digital Integrated Circuit etc.

➢ **Higher Secondary Certificate Board (HSC 12th) Govt. Inter College, Mainpuri, U.P.**
Completed in Jun 2017
Marks Percentage:78%
Subject: Mathematics, Physics, Chemistry

➢ **Secondary School Certificate Board (SSC 10th), Govt. Inter College, Mainpuri, U.P.**
Completed in June 2015
Marks Percentage:78%
Subject: Science Stream