

OBJECTIVE

I am dedicated to advancing my expertise in technology's dynamic landscape. I'm passionate about exploring new and emerging domains to build impactful, innovative solutions while continuing to grow in my role. My focus is on navigating a meaningful career path where I can leverage my technical knowledge and stay at the forefront of industry advancements.

WORK EXPERIENCE

Full stack Developer (Internship) at RenderPub (<https://renderpub.com/>)(Bengaluru) - (20 Oct 2023 - 30 April 2024)

- Developed immersive spaces and metaverse generalization.
- Avatar and camera intersection in 3d space.
- VR setup for the immersive spaces.
- Build a Three.js web based 3d editor .

3D Developer Freelancing experience at Ninana(<https://ninana.in/>) - (1 April 2024 - 1 June 2024)

- Created a 3d experience on web to showcase a home architecture.
- Technology Used - React-three-fiber.

3d Full Stack Developer Job at VRARMR (<https://vrarmr.in/>)(Delhi)- (1 May to present)

- Working on different client projects based on Augmented Reality , virtual reality and Artificial intelligence.
- Creation of virtual experiences eg. car showroom ,digital heritage walks etc using Unity, three.js and Babylon.
- Instagram filters , mediapipe , 8th wall .
- Hugging Face , AI tools. And machine learning.
- AWS , Cloudflare Deployment and traffic management.
- WebSockets and WebRTC.

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)

PROJECT

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

- Implemented secure Authentication and Authorization using JWT and passport.js..
- Optimized search with different filters , pagination.
- Machine learning based recommendation 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 .

EDUCATION

- **M.Sc. - IMCA (Industrial Mathematics and Computer Applications), SavitriBai Phule Pune University**
Sep 2021 – Present
Current CGPA: 7.5
Course Work: DBMS, DS & Algo. Java , Typescript , Python , Machine Learning etc.
- **B.Sc. (Physical Science with electronics), Delhi UNIVERSITY Acharya Narendra Dev College, Delhi**
Aug 2018 - Present
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

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.