

SHIVAM SHAKYA

+918318357977 · shivdu2000@gmail.com · [Linkedin](#) · [Portfolio](#) · [Github](#)

SUMMARY

A software developer with 2 years of experience in full-stack development, specializing in AI integration and 3D technologies. Strong foundation in DSA, Operating Systems, and Databases.

SKILLS

Programming Languages:	Java ,C++ , Javascript, Python
Frontend:	React, NextJS, Sveltekit , ThreeJS, HTML, CSS, Tailwind
Backend:	SpringBoot , Node.js, Express, FastAPI, WebSockets & WebRTC
Databases:	MySQL, MongoDB, Firebase, Redis
Cloud:	AWS EC2, AWS S3
Messaging:	Kafka
Security:	JWT, Middleware, OAuth
Devops:	Docker, Git, Jenkins
AI/ML:	ML, Embeddings, RAG systems, LangChain

EDUCATION

PG Diploma in Advanced Computing (PG DAC),

CDAC Acts, Pune

2025 - 2026

Masters of Science (Industrial Mathematics and computer applications),

Department of Mathematics, Savitribai Phule Pune University, Pune

2021 - 2024

Bachelor of Science (Physical science with electronics),

Acharya Narendra Dev College, Delhi University , Delhi

2018 - 2021

EXPERIENCE

3D Web Developer

05/2024 -09/2025

VRARMR, Delhi

- Worked on various client tech projects focused on AI, VR, and AR . Using threeJS, Unity , FAST API , NodeJS and open-source AI models to develop creative, practical, and engaging tech solutions.
- Optimized AI Backend performance , reduced latency from 40-45s to 3-4s in an application for scalable deployment To 10,000+ users.
- Developed instant Android AR app for enhancing user engagement, resolved critical software issues and contributed to multiple client projects.
- AWS, Cloudflare Deployment and traffic management using load balancing and auto scaling for AI solutions.

Full Stack Developer - Intern

10/2023 - 04/2024

Renderpub, Bengaluru

- Developed immersive web-based spaces using Three.js and Cloudflare, focusing on code generalization for scalability and reusability.
- Implemented avatar and camera interactions in a 3D space using WebSockets and WebRTC to enable multiplayer functionality.
- VR setup for immersive experiences.
- Build a web based 3d editor in three.js and Sveltekit (Full Stack Framework) for metaverse.

PROJECTS

Ripple AI: Built a PWA-based social media platform for social welfare using microservices with Eureka service discovery and API Gateway. Implemented Kafka event workflows, real-time feed updates via WebSockets, Redis caching, lightweight AI-powered post analytics, subscription billing, a ranking-rewards system, and a notification service.

Tech Stack: Spring Boot, JPA, Python, and React , Docker , AWS EC2.

Department Project: Developed a personal management system for department students and teachers, featuring alumni and recruitment registration with email functionality. Integrated an admin system with role-based authentication and authorization. Included a student project showcase and department portfolio for better visibility and engagement.

Tech Stack: NodeJS, MongoDB, react.JS

Aamchi Mess: Developed a full-stack Android app using Java in Android Studio, featuring barcode scanning and a built-in scanner. Integrated an alert system to notify users of menu updates and enabled users to explore available mess options for detailed information.

Tech Stack: Android Studio , Java , Rest Api, Flask

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)

EXTRA-CURRICULAR ACTIVITIES

- Performed various theatre plays (Street play , Stage play , mime) on social issues in various competition in cultural fests of Delhi University , IIT Bombay , IIT BHU , IIT Ropar.
- Inter college debate competitions.
- Joined NSS and in school and college , took part in its various activity.

INTERESTS

Mathematics, Coding, Literature, Writing , Acting and Drama
