

# SHIVAM ANAND

sivam.anand21@gmail.com | shivamanand\_it21a10\_36@dtu.ac.in  
LinkedIn | Github | Twitter | +91 9660055503

## EDUCATION

### DELHI TECHNOLOGICAL UNIVERSITY(FORMERLY DCE)

B.TECH., INFORMATION TECHNOLOGY  
Expected June 2025

Aaryan International  
School ( Class 12<sup>th</sup> )  
2020

Indirapuram Public  
School (Class 10th)  
2018

## SKILLS

### PROGRAMMING LANGUAGE

- Java • C++ • Python • Solidity
- Javascript • C

### TECHNICAL SKILLS

- ReactJS • Flask • Git/Github
- Langchain • Postgres • MySQL
- MongoDB • Google Cloud

## ACHIEVEMENTS

- Secured 1<sup>st</sup> Place in Hacakthon organized by GFG & Google. Developed a revolutionary NFTTicket platform exclusively for Indian Railways.
- Participated in Google Solution Challenge'24
- Completed buildspace S4.
- Demonstrated over 200+ contribution on Github,
- Bertlmann CyberSecurity 22' Scholar
- Current participant in Flipkart Grid 6.0

## CERTIFICATIONS

- Google Cloud Career Practitioner(Google)
- Learn Web3 DAO(Learn Web3)
- SQL Database(Dataquest.io)
- Joy of Computing using Python(NPTEL)
- Sustainable Development (NPTEL)

## EXPERIENCE

**Ministry of Housing and Urban Affairs** | Software Developer Intern | June 2023, New Delhi | ReactJS, Styled Components, BAAS, Figma

- Boosted user engagement metrics by 30% through optimized UI/UX strategies and responsive design improvements.
- Led the integration of APIs and external databases using Node.js, enhancing system efficiency and data retrieval speeds

**Zuraverse Private Limited** | Fullstack Developer Internship | August 2023, Remote  
ReactJS, ThreeJS, Polygon Network

- Designing a dynamic and customizable 3D map module using Three.js for visualizing plantations, enhancing user interactivity and engagement.
- Developing a highly customizable 3D map-module with help of ThreeJS.

**Delhi Technological University** | Inhouse Internship | Ongoing  
NetSim, Computer Networks, Random Number Generation

- Executed network simulations in NETSIM, identifying bottlenecks and optimizing configurations to improve network performance by 15%.
- Conducted network simulations using NETSIM, focusing on optimizing and troubleshooting network configurations.
- Applied NETSIM's Random Number Generator and Seed Value techniques to ensure replicable and consistent network simulations..

**Google Student Developer Club** | Public Relation Lead | December 2022  
Events Webinars Seminars, Social Media, Canva

- Shortlisted and Interviewed over 250+ students for recruitment for the club.
- Lead a team to organize online and offline Webinars and Seminars aimed on Google Development tools such as Flutter and about upcoming Google Competitions such as Google Solution Challenge.
- Managed social media accounts, growing LinkedIn followers to 24,000+ and Instagram followers to 3,000+ through targeted content strategies..

## PROJECTS

**BLOCKSCHOLAR:-BLOCKCHAIN BASED SCHOLARSHIP PORTAL** | Ganache, Truffle, NextJS, Metamask, Hardhat, MoralisAuth

- Engineered a decentralized platform to securely manage and distribute scholarships, ensuring transparency and trust through blockchain technology.
- Utilized Moralis, streamlining wallet-based user verification and reducing onboarding time by 50%; utilized Hardhat to ensure smart contracts met rigorous testing standards.
- Implemented MongoDB for efficient storage and management of student records, including wallet addresses, ensuring data integrity and scalability.

**TRAINBLOCK:-BLOCKCHAIN AND NFT TICKET SOLUTION** | G-eth, ReactJS, CSS, Metamask, Hardhat, Ganache, Truffle, MongoDB

- Developed and tested smart contracts in a local blockchain environment using Ganache, Truffle, and Hardhat, ensuring seamless NFT-based ticket issuance.
- Executed the integration of G-Eth into the infrastructure, leading to the creation of a self-sustaining token ecosystem that improved user engagement metrics.

## ADDITIONAL PROJECTS

- Flight-Fare Prediction | Developed a flight fare prediction system achieving predictive accuracy rates exceeding 85%, while comparing performance against KNN, SVM, and Regression models to determine optimal effectiveness.
- Personal Portfolio Website | Used ReactJs and ThreeJs to create a interactive portfolio website with 3D models .