

Vishnu Shon

vshon447@gmail.com • Github • LinkedIn

WORK EXPERIENCE

Mathworks | EDG Intern

May 2023 - July 2023

- Revamped existing function-based UI tests for the Simulink 3D World Editor into a more effective class-based framework.
- Orchestrated the adoption of a cutting-edge class-based testing framework, leading to a 30% improvement in software quality for the upcoming software release.
- Enhanced test quality by 30%, gained valuable insights on client relationships and ensured a top-quality product.

StayBook | DevOps Developer

February 2023 - May 2023

- Spearheaded the development of CI/CD pipelines for booking engine and API services while also crafting an API server for integration with Google Hotel Centre, increasing the bookings by 40%.
- Implemented Cloud Storage Buckets and Cloud CDN for static data management and Cloud Load Balancers for product traffic optimization. Leveraged tools such as TypeScript, NextJS, Firestore, Google Cloud Platform, Docker, and Google Cloud Run.
- Augmented product efficiency and performance led to a robust API booking service strategy resulting in a 30% reduction in load times and improved overall platform performance.

Government of India (D.R.D.O) | Full Stack Developer

February 2023

- Architected a crucial Proof of Concept for internal software, collaborating with government officials and PhD team from IIT Bombay, delivering an innovative solution.
- Harnessed Post GIS and OSM API to integrate an Express backend with the GeoServer, incorporating satellite data.
- Delivered the platform for setting the solid groundwork for an upcoming government project.

Respect | Founding Member

December 2021 - July 2022

- Played a pivotal role in devising business plans and developing the application utilizing NextJS, Figma and EthersJS to build the user interface and experience.
- Proposed an integrative approach for embedding Respect inside the USM Metaverse, managing a multidisciplinary team of developers and designers.
- Achieved a milestone with successful pre-seed and seed [funding](#) of over \$1M, participating in Tachyon 22 accelerator program. Expanded product visibility and usability through the Metaverse integration.

PROJECTS

Escrow Based Payment Management Platform

[Github](#)

- Led the development of an escrow payment platform leveraging NextJS, EthersJS, AWS, and Moralis SDK, bagging a \$ 2000 win in Polygon Buidlit Hackathon 2022.
- Championed web 3 development and market study buoyed by a comprehensive 3-month States DAO mentorship, Supervised platform design and protocol integration.

Decentralized Journalism Platform

[Github](#)

- Led the development of a decentralized journalism platform with NextJS, EthersJS, GraphQL, and Ceramic Network.
- Developed features like faucet via Wagmi, subscription pipeline via Superfluid, and secure identities with Ceramic DID.
- This innovative project secured the runner-up spot at the IGDTUW Devacation Hackathon.

Social Trading Platform

[Github](#)

- Developed and designed a social DeFi platform at ETHIndia 2022, leveraging NextJS, EthersJS, and Uniswap API for robust frontend development.
- Amalgamated third-party protocols such as Push protocol, Filecoin, and Covalent API, earning a collective \$1700+ accolade.

Event Management Application

[Github](#)

- Deployed an advanced event management platform, incorporating technologies like NextJS, Neo4j, GraphQL, and Apollo client.
- Established private routing and middleware to ensure secure access and efficient navigation.
- Recognized as the 'Best in Usable Security' by a highly regarded IIITD professor, highlighting the exceptional quality and impact.

SKILLS

Computer Languages

JavaScript, TypeScript, SQL, GraphQL, Python, HTML, CSS, Java, C

Platforms & APIs

Google Cloud Platform, Firebase, Moralis, Infura, Sanity, Docker, Moz

Databases

MySQL, PostgreSQL, MongoDB, Redis Cache, Neo4j, Ceramic Compose, Firestore

Libraries/Frameworks

NEXTJS, ReactJS, ReactNative, ExpressJS, NodeJS, EthersJS, Apollo, Redux, WebSockets

AWARDS

Bounty Winner, Eth India Hackathon India's Biggest Web3 Hackathon

December 2022

Pool Winner, Polygon Buidlit Hackathon

September 2022

LEADERSHIP AND COMMUNITY

Club Coordinator, Google Developer Student Club IIITD

July 2023

Convener, 1Pixel Design Conference

January 2023

EDUCATION

Indraprastha Institute of Information Technology, Delhi

January 2020 - July 2024

B.Tech (Computer Science & Design)