

Vishnu Shon

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WORK EXPERIENCE

Mathworks | EDG Intern

May 2023 - July 2023

- Implemented UI Testing for Simulink VR Editor, revamping existing test module for the newer JS based editor.
- Orchestrated the adoption of a class-based testing framework, leading to a 30% improvement in software quality.
- Bashed the SL3D editor module for understanding test needs, gained valuable insights on the product which helped in transitioning the test to the new framework.

StayBook | Product Lead

February 2023 - October 2023

- Spearheaded the development of the Booking API microservice while also crafting an Availability, Rates, and Inventory (ARI) delivery service for integration with Google Hotel Centre.
- Implemented CDN caching and Load balancing using Google Cloud SDK for static data management and product traffic optimization. Leveraged tools such as Firestore, Google Cloud SDK and Docker.
- Augmented product efficiency and performance by targeting google insights, optimizing SEO and decreasing load times, resulting in a 40% improved overall platform performance.

Government of India | Full Stack Developer

March 2023 - 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.
- Utilized Post GIS and OSM API to integrate backend with the GeoServer, incorporating satellite data to a composable UI interface.
- Delivered the platform within a tight schedule for setting the groundwork for upcoming government initiatives.

Respct | Founding Member

December 2021 - July 2022

- 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.
- Played a pivotal role in devising business plans and developing the application utilizing NextJS and EthersJS to build the user interface and experience.
- Proposed an integrative approach for embedding Respct inside the USM Metaverse, managing a multidisciplinary team of developers and designers.

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.

Interview Scheduling Software

[Github](#)

- Implemented the platofrm using Microservices Architecture with Next.js for the client, Expressjs for scheduling server, and PyBot for a Python chatbot, incorporating technologies like Neo4j, GraphQL, Apollo server and Google Calendar API.
- Established CI/CD pipeline with Google Cloud SDK and Cypress for rigorous testing and scalable deployment.

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)