

# Vishnu Shon

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## WORK EXPERIENCE

### Staybook.in | Product Lead

August 2022 - September 2023

- Led the development of a Booking API micro service, increasing digital revenue by 25% by integrating the service with Google Hotel Center, supporting 200+ hotels.
- Optimised performance of the web app through CDN caching and Google Cloud Load Balancing, halving LCP load times to under 2.5 seconds, improving customer interaction.
- Shipped the booking engine, to 20,000 daily users. Bootstrapped to over 200+ hotels through SEO optimization and by developing the service around Google insights.

### Mathworks | Software Engineer Intern

May 2023 - July 2023

- Deployed UI tests and helper classes for the Simulink's VR Editor. Streamlined code base by 30% through adopting a class-based testing framework.
- Audited 5+ severe bugs in the SL3D editor module. Partnered with the senior development team, solving the issues for the upcoming 2024 release.

### Government of India | Full Stack Developer

March 2023 - February 2023

- Architected a geographic information system tool for the government, partnering with a team of 2 senior officials and 5 PhD researchers from IIT Bombay.
- Directed the integration of NodeJs with GeoServer backend architecture, utilising PostGIS and OSM API. Implemented SAML authentication for government's server access.

### Respect (Tach 22) | Founding Member

December 2021 - July 2022

- Participated in the Tachyon 2022 accelerator programme with the founding team, achieving a milestone in raising \$1 million in pre-seed and seed [funding](#) for the startup.
- Co-drove the Social NFT ecosystem's development and design using NextJs and EthersJs, enabling [5000+ user adoptions](#).
- [integrated](#) Respect IDs (SNFT profiles) to USM leaderboard UI. Leading a collaboration within a cross-functional team of 3 developers and designers.

## PROJECTS

### Escrow Based Payment Management Platform

[Github](#)

- Co-drove the development of [RevereLabs](#), a multisig, payment manager on Polygon for the freelance ecosystem. Utilising NextJS, EthersJS, AWS Cognito and Moralis SDK for frontend integration.
- Won at the Polygon Buidlit Hackathon 2022 and [Sates DAO startup mentorship](#), receiving \$2000 from Filecoin and Spheron in awards.

### Lending & Borrowing Protocol

[Github](#)

- Built [HashiRWA](#), a complete oracle-less, RWA (Real world assets) based options lending and borrowing protocol for the Mantra Chain.
- Implemented custom CosmJs hooks for contract integration on the frontend. Created a SDK for rapidly deploying and testing WASM compiled smart contracts on the COSMOS chain ecosystem..

### Interview Scheduling Software

[Github](#)

- Spearheaded development of InterviewLink, employing a microservices architecture with NextJs, GraphQL, and Apollo Client for frontend integration. ExpressJs and Neo4j for scheduling servers and database.
- Established CI/CD pipeline with Google Cloud Run and Github Actions. Authored UI tests with Cypress, adhering to test driven development. Implemented a natural language chatbot for student engagement using python and Google vertex AI.

### Decentralised Journalism Platform

[Github](#)

- Implemented [OxFethr](#) on Polygon chain with NextJs, EthersJs, Apollo and GraphQL for frontend integration. ComposeDB for storing user identities over Ceramic Network and NFT.Storage for minting news articles.
- Developed subscription pipeline using Superfluid, digital identities with Ceramic DID and faucet feature using Wagmi, heading a team of 4 developers.

## SKILLS

### Programming Languages

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

### Platforms & APIs

Google Cloud Platform, PostGIS, OSM API, RabbitMQ, Docker, Moz

### Databases

MySQL, PostgreSQL, MongoDB, Redis, Neo4j

### Libraries/Frameworks

NEXTJs, ReactJs, ReactNative, ExpressJs, NodeJs, EthersJs, Redux

### Proficiency

Full Stack, Backend, Frontend, Web3, Product, Cloud

## AWARDS

**Bounty Winner** [Ethereum 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

**B.Tech, Indraprastha Institute of Information Technology Delhi**

September 2020 - May 2024

Computer Science and Design (7.78 CGPA)