Vishnu Shon

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WORK EXPERIENCE

StayBook | 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.
- Optimized performance of the web app through CDN caching and Google Cloud Load Balancing, halving LCP load times to under 2.5 seconds, which improved customer interaction.
- Boosted main site traffic to 20,000 daily visits through SEO optimization and by developing the service around Google insights.

Mathworks | EDG Intern   May 2023 - July 2023
- Enhanced UI testing for Simulink VR Editor, improving software quality by 30% through the adoption of a class-based testing framework for the newer JS based virtual world editor, and creating helper classes for interactive test cases.
- Identified 5 critical bugs in the SL3D editor module, contributing to the refinement of the VR editor's testing process.

Government of India | Full Stack Developer   March 2023 - February 2023
- Implemented a Proof of Concept for a government secret internal software, collaborating with 2 senior officials and a PhD team of 5, from IIT Bombay.
- Led the integration of the backend with GeoServer, using PostGIS and OSM API, incorporating satellite data with a composable React UI, and integrating government SSO server for generalized use case.

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 through the USM Metaverse integration.
- Orchestrated the conceptualization and implementation of product features, utilizing NextJS and EthersJs to craft an accessible and user interface and experience, leading to a 50% surge in user adoption.
- Led the integration of Respct's SNFT leader board inside the USM Metaverse UI, managing a multidisciplinary team of 7 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, Supervising platform business logic and protocol integration.

Interview Scheduling Software   Github
- Spearheaded the implementation of a robust platform using a Microservices Architecture, incorporating NextJs for the application and ExpressJs for scheduling server and integrating technologies like Neo4j, GraphQL, Apollo and Google NLP API.
- Established CI/CD pipeline with Google Cloud Run and GBuild triggers, Implemented Cypress for rigorous UI testing and scalable deployment.

Decentralized Journalism Platform   Github
- Led the development of a decentralised journalism platform with NextJs, EthersJs, GraphQl, and Ceramic Network, reduced content censorship risks by leveraging blockchain technology.
- Developed faucet feature using Wagmi, subscription pipeline using Superfluid, and digital identities with Ceramic DID, heading a team of 4 devlelopers.
- Secured the runner-up spot at the IGDTUW Devacation Hackathon by leading a team of 5 in developing an innovative project with a credible use of web3.

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.

SKILLS

Programming Languages	JavaScript, TypeScript, SQL, GraphQL, Python, HTML, CSS, C
Platforms & APIs	Google Cloud Platform, PostGIS, OSM API, Docker, Moz
Databases	MySQL, PostgreSQL, MongoDB, Redis, Neo4j
Libraries/Frameworks	NEXTJs, ReactJs, ReactNative, ExpressJs, NodeJs, EthersJs, Redux

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

B.Tech, Indraprastha Institute of Information Technology Delhi   *January 2020 - July 2024*
Computer Science and Design (7.78 CGPA)