Vishnu Shon

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WORK EXPERIENCE

StayBook | Product Lead   August 2022 - September 2023
· Spearheaded the development of the highly efficient Booking API micro-service and data delivery integration with Google hotel center, serving customers for 200+ hotels , garnering a 25% increase in digital revenue.
· Architected CDN caching for static content and Load balancing for traffic optimization using Google cloud load balancing, reducing LCP load times from 5s to <2.5s.
· Critically increased product sales by targeting google insights and optimizing SEO resulting in 20,000 daily site visits.

Mathworks | EDG Intern   May 2023 - July 2023
· Implemented UI Testing for Simulink VR Editor, revamping 7 test module for the newer JS based virtual world editor, and creating helper classes for interactive test cases.
· 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, identified 5 severe bugs in the new virtual world editor, which were raised for the upcoming releases, this helped writing new tests for the VR Editor.

Government of India | Full Stack Developer   March 2023 - February 2023
· Implemented a crucial Proof of Concept for a government 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.
· Pionnered authentication using the government SSO servers, setting the solid groundwork for future deployment.

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 USM Metaverse integration.
· Orchestrated the conceptualization and implementation of product features, utilising NextJS and EthersJs to craft an immersive user interface and experience, leading to a 50% surge in user adoption.
· 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, Supervising platform business logic and protocol integration.

Interview Scheduling Sofrware   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.

Decentralised 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 features like faucet via Wagmi, subscription pipeline via Superfluid, and secure identities with Ceramic DID.
· 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

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)