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.

Respct (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.
· Led collaboration within a cross-functional team of 3 developers and designers to integrate Respct IDs (SNFT profiles) to USM leaderboard UI.

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.

Social Trading Platform   Github
· Developed AlkyneFi at EthIndia hackathon 2022, leveraging NextJs, EthersJs and Uniswap API for the front end. Integrated Lens Protocol and Push (EPNS) API service for the community features.
· Secured multiple wins at EthIndia hackathon 2022 from third-party protocols such as Push (EPNS), Filecoin, and Covalent API, earning a collective $1700+ accolade.

Decentralised Journalism Platform   Github
· Impemented 0xFethr on Polygon 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.

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.

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, 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)