

Vishnu Shon

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Full Stack Engineer with a minor in Human-Centered Design. Builds with empathy, ships with intent.

WORK EXPERIENCE

Beenverified.com | Full Stack Engineer | New York, USA

August 2024 - Present

- Engineering the V2 platform architecture and brand migration strategy using Typescript and Ruby on Rails. Ran two winning A/B tests with a high revenue impact, including instant username and potential report owner features.
- Built and scaled a report diffing microservice written in Ruby on Rails to monitor report data and send daily updates to customers.

Staybook.in | Product Development Lead | Delhi, India

August 2022 - September 2023

- Architected and launched a Booking API microservice, increasing digital revenue by 25% by integrating the service with Google Hotel Center, supporting 500+ hotels.
- Optimized 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 40,000 daily users. Bootstrapped 500+ hotels through SEO optimization and by developing the service around Google insights.

MathWorks | Software Engineer Intern | Bangalore, India

May 2023 - July 2023

- Deployed tests and helper classes for the Simulink VR Editor. Streamlined code base by 30% by adopting a class-based testing framework.
- Audited 5+ severe bugs in the Simulink 3D editor module. Partnered with the senior development team, solving the issues for the upcoming 2024 release.

Respect (Tach 22) | Founding Member | Delhi, India

December 2021 - July 2022

- Secured acceptance into the Tachyon 2022 and Polygon Leap accelerator programs 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](#) and [Integrated](#) Respect IDs (Social NFT profiles) to USM leader board UI.

PROJECTS

Escrow Based Payment Management Platform

[GitHub](#)

- Co-drove the development of [RevereLabs](#), a multi signature, payment manager on Polygon for the freelance ecosystem. Engineered the frontend using NextJS + EthersJS, and secure auth with AWS Cognito + Moralis SDK.
- 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](#), an oracle-less, RWA (Real world assets) based options lending and borrowing protocol for the Mantra Chain. Runner up at [Mantra chain hackathon](#).
- Created 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.

Geographic Information Software

- Led the development of 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 Geo Server backend architecture, utilizing PostGIS and OSM API. Implemented SAML authentication for government's server access.

Interview Scheduling System

[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 tests with Cypress, adhering to test driven development. Implemented a natural language chat bot for student engagement using python and Google vertex AI.

Scan Finance App

[GitHub](#)

- Shipped a Kotlin-based finance app to manage, scan receipts, and predict monthly budgets using Room DB Jetpack Compose and a Flask server to scan .jpg receipts for financial data extraction using Pillow OCR and Hugging Face models.

SKILLS

Languages	Ruby, Typescript, Javascript, Python, C, SQL, GraphQL, HTML, CSS, Kotlin
Frameworks	Rails, NextJS, ReactJS, ReactNative, NodeJS, EthersJS, Redux
Tools	Google Cloud, AWS, Firebase, Docker, Zapier, Growthbook, rabbitMQ, Figma
Databases	MySQL, PostgreSQL, MongoDB, Redis, Neo4j

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

Creator, 1Pixel Design Conference (North India's Largest Student-Led Design Event)

January 2023

EDUCATION

B.Tech, Indraprastha Institute of Information Technology Delhi

Computer Science and Human Centered Design ,8 CGPA, Dean List Awardee