

# Vishwajeet Raj

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## EDUCATION

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- **Netaji Subhash Engineering College** West Bengal, India  
*Bachelor of Technology – Information Technology* *July 2018 – June 2022*

## SKILLS

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- **Languages:** JavaScript, TypeScript
- **Frameworks & Libraries:** React, Next.js, SvelteKit, Tailwind CSS, React Query, React Native
- **Testing:** Vitest, Playwright, Synpress
- **Tools:** Git, Figma, Postman, Codex, Claude Code, Cursor

## EXPERIENCE

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- **Marlin Protocol** (Blackfish Technologies Pvt. Ltd.) Remote  
*Frontend Engineer* *Jan 2024 – Present | 2 yrs 3 mos*
  - Owned frontend architecture for Prime Broker, a decentralized cross-venue perpetual futures trading platform – order execution, leverage/margin management, deposits/withdrawals, wallet handling, and venue integrations for Hyperliquid and Lighter.
  - Built governance frontend from scratch: encrypted voting, proposal flows, execution, timer-driven state transitions, wallet-aware state – integrated with smart contracts, GraphQL subgraphs, Ethers.js, and enclave/KMS services.
  - Delivered features across Oyster isolated instances, serverless, and explorer surfaces using SvelteKit, TypeScript, and Tailwind CSS; onchain interactions and data-heavy dashboards.
  - Expanded test coverage and refactored shared state, data transformation layers, and reusable UI patterns using Vitest, Playwright, and Synpress.
- **Graphy by Unacademy** Remote  
*Software Engineer* *July 2022 – September 2023 | 1 year 2 mos*  
*Intern* *March 2022 – July 2022 | 4 mos*
  - Achieved 30% reduction in page load times via image optimization and browser caching strategies.
  - Migrated platform from JSP to React/Next.js; delivered new features and implemented UI library components.
- **Dynopii** Remote  
*Software Consultant* *June 2021 – March 2022 | 9 mos*
  - Built frontend interfaces and API integrations for an AI dialer including the call barging interface using React, TypeScript, and jQuery.

## PROJECTS

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- **Quizco [live]:** AI-powered quiz platform with an agentic loop (Observe → Analyze → Generate → Recommend), multi-agent orchestrator with tool calling, four-type memory system (in-context, external, semantic via Atlas Vector Search, learned), and agent trace viewer built with React Flow. Stack: Next.js, TypeScript, MongoDB.
- **Expensasaurus [live]:** Expense tracker with a natural language chat UI – Claude Sonnet extracts expense details from conversational input for one-click saving. Stack: React, TypeScript, Tailwind CSS, Anthropic API.

## HACKATHONS

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- **Hashnode + Clerk** – Winner
- **Netlify x Hashnode** – Runner Up
- **Hashnode + Auth0** – Runner Up

## ACTIVITIES

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- GDG Kolkata | DSC NSEC Core Member (2021) | Winter of Code 2020 Organiser & Mentor