

Yash Bharadwaj

✉ bharadwajj131@gmail.com 📁 Portfolio in LinkedIn 🐙 GitHub

Education

Manipal Institute of Technology
B.tech in Information Technology

Sept 2022 – May 2026

Experience

Software Development Intern
Integral Development Corp.

California, USA (Remote)
May 2025 – Present

- Contributed to PrimeOne, a large-scale institutional trading platform focused on real-time credit transfer, fault tolerance, and high-throughput operations.
- Engineered production-grade backend services in Go, building scalable transaction pipelines, service logic, and integration layers for a distributed trading system.
- Developed robust frontend features with Next.js, TypeScript, and Redux Toolkit, implementing maintainable global state patterns across complex multi-page workflows.
- Designed and implemented secure APIs and internal service contracts, ensuring consistent data flow, reliability, and cross-service interoperability.
- Diagnosed and resolved high-impact frontend and backend issues, improving system performance and overall code quality.

Fullstack Developer
Eventory

Mumbai, India (Remote)
May 2024 – May 2025

- Implemented responsive, production-ready UIs using Next.js, Tailwind CSS, and Framer Motion, translating Figma designs into high-quality interfaces.
- Built and maintained REST APIs with Node.js, Express, and MongoDB, covering authentication, CRUD operations, and scalable backend flows.
- Integrated AWS Cognito for secure OTP-based authentication and AWS S3 + CloudFront for efficient media storage and delivery.

Software Development Intern
Horse's Mouth (Acquired by Yocket)

New Delhi, India (Remote)
May 2024 – Aug 2024

- Improved website performance by refactoring legacy components and optimizing assets for a smoother user experience.
- Built responsive, reusable components with React and Chakra UI, streamlining the mentor onboarding workflow.
- Migrated platform state management from Atoms to Jotai, enhancing maintainability and simplifying debugging.
- Fixed high-priority issues across the stack, increasing platform reliability and user satisfaction.

Technologies

- **Languages & Databases:** C++, Java, Python, C, Rust, Solidity, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Flask, Anchor, Redux Toolkit, Pandas
- **Cloud & Database:** AWS, Docker, Netdata, Vercel

Projects

Manipal Hackathon 2024 [Link](#) [↗](#)

Tools: Next.js, Node.js, Express, MongoDB, AWS, JWT, Nodemailer

- Worked on the official website for a national-level event, successfully supporting 2,200+ users and 400+ teams from over 100 colleges across India.
- Developed a full-stack admin and judge portal with real-time analytics, which automated live event monitoring and streamlined the multi-round evaluation process.

Decentralized Uptime Monitor [Link](#) [↗](#)

Tools: Next.js, Node.js, WebSockets, NaCl signatures, PostgreSQL

- Built a full-stack uptime monitoring system with secure user authentication, website scheduling, and persistent historical insights.
- Designed a WebSocket-based coordinator service that orchestrates job distribution to validator nodes and verifies cryptographically signed monitoring results.
- Implemented distributed validator workers that perform periodic HTTP checks, measure latency/status, and return signed, tamper-proof payloads for trusted data flow.
- Structured the platform in a TypeScript monorepo with shared protocols and cleanly separated services.