

SHIVAM VISHWAKARMA

vishwakarmashivam2003@gmail.com | +91 8797107072 | www.shivam09.tech | [GitHub](#) | [LinkedIn](#)

SUMMARY

Software engineer specializing in building scalable, high-performance user interfaces for data-intensive applications. Experienced with React, TypeScript, and cloud-native architectures, with a strong focus on design systems, performance optimization, accessibility, and cross-team collaboration. Proven ability to take ownership from ideation through production in fast-moving environments.

SKILLS

Frontend: React, TypeScript, Next.js, Redux (Toolkit), JavaScript (ES6+), HTML5, CSS3 (Flexbox, Grid), Angular (familiarity)

Backend: REST APIs, GraphQL, API design, NodeJS, NestJS, Golang

Performance & Monitoring: Core Web Vitals, Elasticsearch, Grafana

Cloud & DevOps: AWS, Docker, Kubernetes (deployment & local orchestration)

Testing & Tools: Jest, React Testing Library, Cypress, Git, CI/CD pipelines

Design Focus: Accessibility (WCAG), Responsive Design, Performance Optimization, Web security, Design patterns

Soft Skills: clear communication, cross-team collaboration, ownership mindset

EXPERIENCE

Full Stack Developer – [Advayu](#)

Sep 2024 – Oct 2025

- Led front-end development of Advayu's core platform, establishing an initial design system that accelerated feature development by 20%.
- Collaborated closely with backend and design teams to define API contracts and build scalable Next.js + TypeScript user flows integrated with REST APIs.
- Redesigned the brand onboarding experience through improved front-end architecture and workflow automation, reducing onboarding time by 80%.
- Owned delivery of critical MVP features end-to-end, enabling pilot launch in 3 months versus an original 5-month timeline.
- Contributed to a highly reliable production system (99.9% uptime) built on NestJS, PostgreSQL, and AWS Lambda, supporting real-world business operations

Open Source Contributor – [Monkeys](#)

Sep 2025 – Present

- Created a Editor.js code block plugin that enhances the code readability/authoring process by 90%.
- Mentored open-source contributors through project setup, debugging, and code reviews, reducing onboarding time by 50%.
- Containerized a Next.js application using Docker and implemented GitHub Actions CI pipelines to automatically build and publish images to GHCR for all pull requests.
- Designed and implemented a front-end activity tracking pipeline, logging user interactions to Elasticsearch to support debugging, observability, and data-driven feature decisions.
- Led online knowledge-sharing sessions for community members, covering system design fundamentals and real-world engineering tradeoffs

Project – [Real-Time Trading Platform \(Groww-inspired\)](#)

Oct 2025 – Present

- Designed and built a real-time trading platform with React + TypeScript (Vite), handling live market data updates and high-frequency UI state changes.
- Implemented streaming-based stock price updates with caching and rate-limiting using Redis to reduce backend load and ensure responsive UI performance.
- Optimized front-end rendering and data-fetching flows to maintain smooth user interactions under frequent data updates.
- Built API-driven UI workflows using Express and MongoDB, focusing on predictable data flow, error handling, and performance.

EDUCATION

B.Sc. Information Technology | Patliputra University, Patna

Jun 2021 – Aug 2024