

# Arun Upadhayay

Full Stack Developer

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## Professional Summary

Full Stack Developer with 3+ years of experience building scalable fintech and web applications. Strong expertise in React, Next.js, Node.js, TypeScript, and JavaScript, with proven ability to deliver production systems handling 1000+ daily transactions, optimize performance, and collaborate effectively in fast-paced teams.

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## Experience

**Software Engineer | Stakehub Infotech Pvt. Ltd.** | Jaipur, Rajasthan | Oct 2024 – Present

Platform for trading of unlisted shares.

- Developed a fintech order-matching platform built on Node.js, TypeScript, PostgreSQL, and Next.js, supporting 1000+ daily transactions.
- Created responsive and reusable frontend components leveraging React.js, Next.js, and Tailwind CSS to enhance usability and UI consistency.
- Integrated secure frontend authentication flows with JWT-based sessions and role-based access control.
- Automated backend operations and order processing leveraging cron jobs, improving system throughput.
- Managed complex application state using Redux and React Context to support dynamic user workflows.

**Full Stack Developer | Blurock Wealth Management** | Jan 2023 – Oct 2024

- Built and maintained scalable web applications using Node.js, Express.js, React.js, and MongoDB.
  - Designed and documented RESTful APIs to enable seamless frontend and third-party integrations.
  - Led integration testing efforts to ensure reliable releases and maintain high code quality.
  - Worked closely with cross-functional teams to ensure efficient workflows, timely deliveries, and consistent coding standards.
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## Skills

Frontend: React.js, Next.js, TypeScript, Redux, Tailwind CSS, HTML5, CSS3, Responsive Design

Backend: Node.js, Express.js, REST APIs, JWT/OAuth, Redis

Database: PostgreSQL, MongoDB, Mongoose

Version Control & Tools: Git, GitHub, Branching, Pull Requests, Code Reviews, VS Code, Postman

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## Projects

### StudyNotion – Learning Management System

Technologies: React.js, Node.js, Express.js, MongoDB

- Designed and developed a full-stack learning management platform enabling instructors to create and manage courses while allowing students to purchase and track learning progress.
- Built responsive and user-friendly interfaces with React.js, focusing on accessibility and consistent user experience.
- Implemented secure user authentication, role-based access control, and payment integration for course enrollment.
- Integrated RESTful APIs to handle course management, user data, and transaction workflows.

### Stocks Watchlist Dashboard

Technologies: Next.js, TypeScript, Tailwind CSS, ECharts, PostgreSQL

- Implemented a responsive stock watchlist dashboard using Next.js and TypeScript with real-time data visualization.
  - Designed interactive charts and toggle views for financial metrics such as Balance Sheet and Cash Flow.
  - Consumed backend APIs to fetch and display real-time stock data efficiently.
  - Optimized frontend performance by improving data fetching strategies and reducing unnecessary re-renders.
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## Education

B.Tech – Computer Science Engineering | 2018 – 2022