Uday Nayak

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EDUCATION

Gurukul Kangri Vishwavidyalaya　　　　　　　　　　Haridwar, Uttarakhand
B.Tech. Computer Science　　　　　　　　　　　　　　　Aug 2016 - Aug 2020

WORK EXPERIENCE

Skuad: a Payoneer company　　　　　　Gurugram, Haryana, India · On-site
Senior Software Engineer　　　　　　　　　　　　　　2024-04-01 - Present

- Led platform-wide initiatives: identity/auth migration, Form Config service, and centralized error reporting; awarded Stellar recognition
- Migrated identity/auth backend from Node 12 to Node 24 with full TypeScript, 95%+ test coverage, and team-wide rollout
- Integrated SSO with Payoneer and third-party providers; implemented native multi-factor authentication (MFA)
- Built Form Config service (NestJS) and cross-environment gateway; shipped 5 shared packages and 2 apps in NX monorepo
- Cut build time by 50% through Rolldown adoption; migrated JS tooling to Rust-based alternatives (OxLint, oxfmt)
- Led JSX-to-TSX migration; increased TypeScript coverage to 85%+ across 206k LOC codebase

Skuad: a Payoneer company　　　　　　Gurugram, Haryana, India · On-site
Software Engineer　　　　　　　　　　　　　　2022-08-01 - 2024-04-01

- Led frontend migration from JavaScript to TypeScript across projects, improving maintainability and type safety
- Built internal design library with Storybook documentation; established shared branding standards
- Developed JSON-based form creators with validation; standardized contract signing workflows for multi-country compliance

Topica Edtech Group　　　　　　　　　　　　　　　　　　Remote
Senior Software Engineer　　　　　　　　　　　　　　2022-04-01 - 2022-08-01

- Led cross-platform Liveclass development; integrated WebSockets for real-time interaction and assignments
- Built real-time quizzes and in-class Q&A with Electron; maintained 90+ Lighthouse scores on landing pages
- Mentored freshers and interns, supporting their onboarding and professional growth

Topica Edtech Group　　　　　　　　　　　　　　　　　　Remote
Software Engineer　　　　　　　　　　　　　　2020-08-01 - 2022-03-01

- Full-stack engineer for Prominent Edtech platform serving Vietnam and Thailand markets
- Led migration of three product sites to Next.js and GraphQL on Node.js, improving performance and modernizing the stack
- Built foundation for CMS portal, streamlining product configuration and user management
- Built component library with Material UI and TypeScript, reducing duplication and centralizing business logic
- Developed internal and external tools with Electron to improve team productivity
- Added Cypress integration tests to validate frontend and backend flows

SKILLS

Frontend:	React, Next.js, TypeScript, JavaScript, Electron, Storybook, Material UI, NestJS
Backend:	Node.js, NestJS, GraphQL, WebSockets, MongoDB, PostgreSQL
Tools & Other:	Git, NX Monorepo, Docker, Cypress, Vite, Rolldown, OxLint