

# Nafila Tk

Frontend Developer | UI/UX Developer

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## PROFESSIONAL SUMMARY

Frontend Developer with hands-on experience in building responsive, scalable, and user-centric web applications using modern JavaScript frameworks. Strong expertise in React.js, Next.js, and UI/UX best practices with a focus on clean design, performance optimization, and maintainable code. Reduced UI bugs and rework by implementing reusable components. Experienced in collaborating with cross-functional teams and delivering production-ready applications for corporate Environments

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## TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript

Frameworks & Libraries: React.js, Redux Toolkit, Next.js, Three.js, React Three Fiber (R3F), GSAP, Tailwind CSS, Bootstrap

Tools & Platforms: Git, GitHub, Vercel, JSON Server, Figma

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## PROFESSIONAL EXPERIENCE

Present

### Frontend Developer Intern | Bridgeon Solutions LLP

- Built 10+ responsive and interactive UI screens using React.js and Next.js, ensuring cross-device compatibility.
- Integrated REST APIs across 6+ core features, managing global state efficiently with Redux Toolkit.
- Applied modern UI/UX principles to improve task completion flow, reducing UI-related rework by ~25%.
- Implemented animations and 3D elements using GSAP and Three.js, increasing visual engagement and smoothness.
- Created 15+ reusable components, improving development speed and maintainability.
- Participated in weekly code reviews and Agile sprints, contributing to production-ready release

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## PROJECTS

### GlamCart– E-Commerce Platform (Women's Fashion)

- Engineered a full-featured e-commerce platform with User and Admin modules, supporting 20+ product entries
- Delivered 7+ core features, including product listing, cart, wishlist, checkout, orders, and user profiles.
- Designed fully responsive UI across 3 breakpoints, improving mobile and tablet usability.
- Integrated authentication flows (login, logout, password recovery) with role-based access control for 2 distinct user roles, securing access across 5+ protected routes.
- Developed an admin dashboard supporting CRUD operations for users, products, and orders, managing 20+ records through a centralized interface.

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### Learnest.ai– Online Learning Platform

Technologies: Next.js, TypeScript, GSAP, Three.js, Tailwind CSS

- Crafted the complete frontend for an online learning platform with 2 user roles (Admin & User).
- Designed and delivered 6+ key pages, including Home, Courses, and Profile Settings.
- Architected an admin dashboard to manage courses and registered users across 2 roles and 5+ protected routes, enabling secure and efficient platform administration.
- Integrated GSAP animations and Three.js visuals, achieving smooth 60 FPS animations for an enhanced SaaS-style experience.

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### 3D Solar System Visualization

Technologies: Three.js, React-Three/fiber

- Created an interactive 3D solar system visualization with 8+ planetary objects.
- Simulated realistic planetary rotation and orbital motion for 8+ celestial bodies using frame-synced, time-based animations, maintaining ~60 FPS performance.
- Optimized rendering performance to maintain high frame rates (~60 FPS) across modern browsers.
- Configured 3+ light types (ambient, directional, point) and user-controlled camera movement (orbit, zoom, pan) within a Three.js scene.

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## EDUCATION

2025

Higher Secondary Education (Plus Two)

GHSS Vazhakkad