

PRAHLAD BISWAS

Frontend Software Engineer | React.js | Next.js | TypeScript

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PROFESSIONAL SUMMARY

Frontend Engineer with 2 years of production experience building scalable web applications using React.js, Next.js, TypeScript, and JavaScript. Skilled in frontend architecture, reusable components, REST API integration, responsive design, SEO, accessibility, and web performance optimization. Achieved a 44% page-load improvement and demonstrated strong feature ownership from development through deployment while working in Agile teams.

TECHNICAL SKILLS

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

Frontend: React.js, Next.js, Vite, Tailwind CSS, shadcn Ui, React Hooks, Custom Hooks

Next.js: App Router, SSR, SSG, Dynamic Routing, API Routes, Middleware

State & Forms: Redux Toolkit, Context API, React Hook Form, Zod

Backend & Data: Node.js, Prisma ORM, MongoDB, Firebase, NextAuth

APIs & Services: RESTful APIs, Axios, Fetch API, Postman, Stripe, OpenAI, Third-Party Integrations

Performance: Core Web Vitals, SEO Optimization, Web Performance Optimization, Lighthouse, Lazy Loading, Code Splitting, Image Optimization, Memoization, Caching

Quality & DevOps: Chrome DevTools (Browser Console Debugging), Accessibility, WCAG, Cross-Browser Compatibility, API Testing, Git, GitHub, GitHub Actions, Vercel, ESLint, Prettier, Webpack, CI/CD

PROFESSIONAL EXPERIENCE

Web Developer (Full-Stack) | FREELANCE | PART-TIME

Remote | Mar 2025 – Present

- Designed, built, and deployed over 10 full-stack applications with React, Next.js, Node.js, Prisma, and MongoDB, managing the entire development lifecycle.
- Integrated 10+ REST endpoints for authentication, CRUD operations, dashboards, and services including Stripe, Firebase, and OpenAI.
- Achieved Lighthouse scores of 90+ through lazy loading, image optimization, code splitting, and caching; implemented Firebase Authentication and NextAuth with protected routes and sessions.

Associate Developer | APPYCODES TECHNOLOGIES LLP | FULL-TIME

Siliguri, West Bengal | Jun 2026 – Jul 2026

- Developed responsive, cross-browser web applications using ReactJS, Next.js, TypeScript, JavaScript, Tailwind CSS, and shadcn/ui, delivering reusable and maintainable frontend solutions.
- Built 20+ reusable UI components and custom React Hooks, improving code consistency, scalability, and development efficiency.
- Integrated REST APIs and implemented front-end state management, error handling, and responsive UI workflows across application features.
- Led feature development, performed debugging and code reviews, facilitated Agile ceremonies, and supported production deployments, collaborating with cross-functional teams to enhance product quality.

Associate Software Engineer (Frontend) | KOADAI DIGIHUB PRIVATE LIMITED | FULL-TIME

Siliguri, West Bengal | Aug 2025 – Apr 2026

- Developed and scaled React/Next.js features using SSR and App Router, improving application performance, maintainability, and delivery velocity.
- Reduced load time from 3.2s to 1.8s (~44%) using lazy loading, memoization, code splitting, and image optimization, boosting Lighthouse score by 25 points.
- Built 15+ reusable UI components and integrated 5+ REST APIs for authentication, pagination, real-time data flows, and complex workflows.
- Resolved browser compatibility issues and collaborated with designers and backend developers on responsive, accessible production solutions.

PROJECTS

Fundamental Eureka — AI Resume & Interview Platform

Next.js, TypeScript, Prisma, MongoDB, Zod

GitHub: github.com/Poluslg/fundamentaleureka_nextjs | Live: fundamentaleureka.prahladbiswas.co.in

- Built an AI SaaS platform for resume analysis and interview simulation; integrated external AI APIs with Zod validation for reliable, type-safe responses.
- Created modular UI components and scalable client-side data flows for dynamic AI-generated content.

AI Career Copilot — AI Job Analysis & Resume Platform

TypeScript, Tailwind CSS, Chrome Extension API, AI APIs

GitHub: github.com/Poluslg/job-tracker

- Built an AI-powered Chrome extension that analyzes job descriptions against user resumes to provide job-match scoring, ATS analysis, skill-gap detection, and requirement coverage.
- Developed AI-powered resume tailoring, cover-letter generation, interview preparation, and job application tracking with provider-agnostic AI integration and BYOK API support.

EDUCATION

Bachelor of Technology | Information Technology | Siliguri Institute of Technology, Siliguri, West Bengal

August 2022– April 2026 | CGPA: 7.12/10 |

Data Structures & Algorithms, Operating Systems, OOPs, DBMS, Computer Networks

Diploma | Computer Science and Technology | Siliguri Government Polytechnic, Siliguri, West Bengal

August 2019– October 2022 | CGPA: 8.30/10 | Operating Systems, OOPs, DBMS, Computer Networks, Web Development