

Nikhil Lohar

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Summary

JavaScript Developer with 4+ years of experience specializing in building performance, accessible UIs using React, TypeScript, and modern frontend architectures. Proven track record of reducing development time by 30% and processing costs by implementing scalable design systems and cloud optimizations.

Skills

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, React, Next.js, Angular
- **Backend & Cloud:** PostgreSQL, TypeORM, AWS, Docker, Kubernetes, Redis, Kafka, RESTful APIs, WebSocket, SSE
- **Methodologies:** Agile (Scrum, Kanban), TDD, DDD, CI/CD, accessibility standards (WCAG)

Education

- **Xavier Institute of Engineering Mumbai, India**
Bachelors of Engineering in IT Jun 2014 - Mar 2018
- **Durham College Oshawa, Canada**
Artificial Intelligence Post Graduate Sept 2023 - April 2024
- **Durham College Oshawa, Canada**
Cloud Computing Post Graduate May 2024 - Jan 2025

Experience

Software Engineer - Internship | Genie.AI, Toronto, CA | Mar 2024 - June 2024

- Resolved API latency issues by architecting event-driven system, achieving 30% improvement in real-time data delivery
- Reduced AWS operational costs by 25% through implementing Redis caching service and optimizing cloud resource usage
- Led WCAG accessibility implementation across application, improving usability compliance score from 70% to 98%

Full Stack Engineer | Research and Ranking, Mumbai, IN | Jan 2023 - August 2023

- Scaled serverless APIs on AWS to handle 5,000+ requests/second for lead funneling, supporting 200% business growth
- Built domain-driven microservices for onboarding and invoice generation, eliminating 15 hours/week of manual processes
- Created modular React component library, reducing code duplication by 40% by following component composition pattern

Software Engineer | Bitkraft Technologies, Mumbai, IN | Sept 2020 - July 2022

- Developed global UI component library with CI/CD pipelines, standardizing design across 3 products and reducing frontend delivery time by 30%
- Led design of exploratory data analysis platform, delivering insights that improved operational efficiency by 25%

Software Engineer | Bitkraft Technologies, Mumbai, IN | Sept 2020 - July 2022

- Optimized SPA lifecycle management, reducing application load times by 50% and improving user retention by 20%
- Built automated testing infrastructure with Excel reporting, increasing test coverage from 60% to 90%

Projects

- **XPay – Payment Gateway:** Developed high-throughput payment system processing 1,000+ concurrent requests using Kafka message queues and Redis caching for fault-tolerant tracking
- **FinPlay – Cloud Architecture:** Designed secure AWS architecture using ECS, IAM, and CI/CD pipelines, implementing end-to-end backend workflows for user onboarding and analytics
- **Music Recommendation Engine:** Built Python-based KNN recommendation engine with Spotify integration for personalized music discovery