

AMIT KUMAR

Frontend Platform Engineer | React, Next.js | Micro-frontends | Performance Engineering

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EXPERIENCE

Associate Principal Engineer
Aptos India Pvt. Ltd., Bangalore

 May 2023 – Present

- Led development of a scalable **micro-frontend platform**, enabling independent deployments across teams and reducing cross-team coupling.
- Designed and evolved a **shared component system and design system**, improving UI consistency and development velocity.
- Optimized frontend performance across critical user journeys, reducing latency by **30% (2.5s → 1.7s)**.
- Defined frontend architecture patterns including **module boundaries, rendering strategies (SSR/CSR), and data-fetching optimization**.
- Improved developer experience through standardized build pipelines, tooling, and deployment workflows.
- Collaborated with backend teams to optimize APIs and reduce over-fetching, improving frontend responsiveness.

Tech Lead
Valuebound Consulting Services, Bangalore

 Jul 2021 – May 2023

- Led frontend architecture for enterprise applications using **React, Next.js, and TypeScript**.
- Drove adoption of **GraphQL**, reducing redundant data transfer by **60%**.
- Implemented advanced **SSR, caching, and rendering strategies**, improving P95 latency by **45%**.
- Built and maintained a **shared design system** used across multiple applications.
- Standardized frontend patterns for data fetching, state management, and component architecture.

Software Engineer III
Robosoft Technologies, Bangalore

 Mar 2021 – Jul 2021

- Developed performance-sensitive features for OTT platforms using **React, Next.js, and TypeScript**.
- Reduced bundle size by **35%** through code-splitting and dependency optimization.
- Improved **TTFB (300ms)** via SSR tuning and CDN optimization.

Software Engineer
Creatise, Bangalore

 Jun 2016 – Feb 2021

- Built scalable frontend applications for OTT and e-commerce platforms using React.
- Improved performance via **SSR, caching, and lazy loading strategies**.
- Delivered reusable UI components and contributed to frontend architecture decisions.

SKILLS

Frontend Architecture

React.js, Next.js, TypeScript
Micro-frontends, Component Systems, Design Systems
SSR, ISR, Rendering Strategies

Performance Engineering

Code Splitting, Bundle Optimization
Web Vitals (TTFB, LCP), Caching Strategies
CDN and Edge Optimization

State & Data Management

GraphQL, REST APIs
Client-side Caching, Efficient Data Fetching

Backend

Node.js, API Design
Event-driven integration, AWS (Lambda, API Gateway)

Infrastructure & Tooling

CI/CD (GitHub Actions, Jenkins)
Docker, Build Pipelines, Observability

AWARDS

 **Living Our Commitment - Excellence (Top 0.1%, 2026)**
Aptos

 **Star of the Quarter (September 2022)**
Valuebound

 **Best Talent of the Year (2021)**
Valuebound

EDUCATION

Bachelor of Engineering
KNS Institute of Technology, Bangalore

 2011 – 2016