

# Kartik Joshi

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github.com/kdj309

## EXPERIENCE

### Publicis Sapient

Senior Experience Engineer

Jun 2025 – Present

Bangalore, India

- Built custom dashboard chart widgets to visualize key reward metrics, improving data accessibility and user credit rewards for customers.
- Integrated feature flags through **contentstack cms** to enable controlled rollouts and experimentation, improving release safety and development agility.
- Migrated from **BreadSDK** to **UnifiedBreadSDK**, reducing dependency issues and improving long-term maintainability of the frontend platform by integrating Placements
- Improved reliability of **Tealium** analytics tracking for key funnels, increasing event accuracy and supporting data-driven marketing campaigns.

### Persistent Systems

Senior Software Engineer

Oct 2023 – Jun 2025

Bangalore, India

- Developed front-end features for Gen-AI app and integrated Microsoft Graph REST API to build a custom SharePoint Folder/File Picker, reducing user task time by **35%** for **5000+** daily users
- Designed and implemented real-time progress updates using polling with exponential delay, server-sent events, and batch-wise job processing, cutting server load by **25%**.
- Integrated Okta authentication to track user activity and enforce usage limits, cutting OpenAI-related costs by **40%** and preventing unauthorized access
- Migrated **20+** UI components to internal design system, improving UI consistency by **25%** and accelerating development velocity by **15%**.
- Led A/B testing comparing skeleton loaders and spinners, reducing bounce rate by **10%** and improving perceived load time by **15%** based on user surveys.

### Persistent Systems

Software Engineer

July 2022 – Oct 2023

Bangalore, India

- Developed **30+** reusable React components, reducing development time by **40%** across 4 different projects
- Implemented code splitting for noncritical React components, reducing bundle size by **15%** and improving load time by **12%** based on Lighthouse metrics

## PROJECTS

### E-Commerce Web App | **React, Bootstrap, Node.js, Express.js, MongoDB** | GitHub | [Link](#)

- Built a responsive e-commerce web app with an admin dashboard, sales analytics charts, and Stripe payment integration, supporting personalized product discovery.

### Leetcode Clone (let's code) | GitHub | [Link](#)

- Built a LeetCode-style coding platform with Monaco Editor, debounced search, state management using Zustand, and a NestJS backend with secure cookie-based authentication.
- Integrated **Monaco Editor**, implemented **debounced search**, managed state with **Zustand**, used **IndexedDB** for persistent storage, and secured the app with cookie-based authentication using session and refresh tokens.
- Built a scalable backend with **NestJS**, implemented **cookie-based authentication**, and integrated **MongoDB** for seamless data management.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Java, Python

**Frontend:** React, Next.js, Redux, Tailwind CSS, HTML, CSS

**Backend:** Node.js, NestJS, Express, MongoDB

**Testing:** Jest, Cypress, React Testing Library

**Tools & Cloud:** Git, Docker, Azure, GCP, Firebase

## EDUCATION

### VTU University

Bachelor of Engineering in Information Science (CGPA: 8.12 / 10)

June 2022

Gulbarga, Karnataka