

# Dhananjay Kaushik

## Staff Engineer

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### Profile

Tech junkie with over 7 years of experience in full-stack web development, currently working as a Staff Engineer. Adept at transforming complex challenges into scalable, high-performance systems that support enterprise-grade platforms. Committed to clean architecture, thoughtful mentorship, and delivering software that prioritizes user experience. I blend a passion for innovation with engineering discipline—whether writing expressive code, architecting resilient systems, or leading teams toward technical excellence.

### Skills

**Core Competencies** — Full-Stack Development, Cloud Architecture, Team Leadership, System Design, Performance Optimization, Technical Mentoring, DevOps, Distributed Systems, Agile Methodologies

**Programming Languages** — JavaScript, Java, Python, Go, Scala

**Frontend** — React, Angular, Next.js, HTML5, CSS3

**Backend** — Node.js, Spring Boot, Express.js, FastAPI

**Cloud & DevOps** — AWS (Amazon Web Services), GCP (Google Cloud Platform), Docker (Containerization), Kubernetes (K8s, Container Orchestration), Jenkins (CI/CD), Terraform (Infrastructure as Code), Kafka (Apache Kafka, Event Streaming)

**Databases & Database Management** — PostgreSQL, MongoDB, DynamoDB, BigQuery, Database Design, Query Optimization, Data Modeling

**Architecture & Practices** — Microservices, Event-Driven Architecture (EDA), Extract, Transform & Load (ETL) Pipelines, Distributed Systems, RESTful APIs, Object-Oriented Programming (OOP), Test-Driven Development (TDD), Unit Testing, Code Review, Agile/Scrum Methodologies

**API & Integration** — REST APIs, RESTful Web Services, API Development, Third-party API Integration, Webhook Implementation

### Professional Experience

#### 247.ai

##### Staff Engineer

06/2025 — present

- Own technical strategy and architecture for product modernization and scalable system design.
- Mentor engineers across teams in distributed systems, code quality, and long-term tech thinking.
- Define and enforce engineering standards, CI/CD pipelines, and observability best practices.
- Align stakeholders and cross-functional teams to ensure timely, high-quality feature delivery.
- Champion developer excellence via code reviews and architecture patterns across 3 teams.

##### Software Development Engineer (SDE 3)

01/2024 — 06/2025

- Architected Customer Insights platform reducing latency by 70% and saving \$500K+ annually.
- Built real-time data pipelines and dashboards supporting Fortune 500 enterprise analytics.
- Improved backend performance by 40% via caching and concurrency optimization.
- Integrated CI/CD and canary releases, cutting rollback incidents by 60%.
- Led 50+ architecture/code reviews and mentored 8+ engineers on scalable system design.

## Centilytics

### Assistant Manager

10/2021 – 01/2024

- Spearheaded modular architecture adoption across 50+ engineers, improving efficiency by ~25%.
- Designed core systems (ETL, API Gateway, schedulers) enhancing platform SLA to 99.9%.
- Delivered IndreKa MVP, reducing cloud provisioning time by 40% and vendor onboarding by 60%.
- Launched STEM framework to improve predictability and ownership across teams.
- Established CI gates and review culture, halving the average bug count per release.

### Senior Software Engineer

10/2020 – 10/2021

- Rebuilt Angular frontend, improving render speed by 2x and reducing Time to Interactive (TTI) by 60%.
- Implemented RSocket-based real-time dashboard streams, slashing latency by 90%.
- Developed secure internal access control system, eliminating manual permission escalations.
- Automated QA tools, reducing test cycles by ~30% across 3 product lines.
- Led cross-functional product/design collaborations, ensuring timely feature launches.

### Software Engineer

07/2018 – 10/2020

- Built 20+ Angular modules and backend services for cloud inventory and compliance.
- Automated AWS/Azure pipelines, boosting data ingestion speed by 3x.
- Reduced latency in cloud estimation tools by 45% via batching and async optimization.
- Integrated 10+ external APIs into workflows used by 30+ enterprise clients.
- Mentored new hires and improved onboarding with structured documentation and guidance.

## Projects

### Customer Insights (CI), Analytics & Reporting Platform

01/2024 – present

- Architected a scalable analytics engine using Apache stack for real-time and batch insights, improving speed and reliability.
- Unified fragmented reporting into a single platform, enabling ~\$500K annual infra savings through automation.
- Delivered enterprise-ready dashboards powering customer intelligence across business verticals.

### IndreKa, Unified Cloud Collaboration Platform

01/2022 – 12/2023

- Led architecture and development of a marketplace-style orchestration system integrating third-party cloud services.
- Built backend APIs (Go/Spring Boot) and frontends (Angular/Next.js), enabling seamless partner onboarding.
- Developed data-driven workflows and comparison engines using Scala-based analytics pipelines.

### Centilytics Cloud Management Platform, Atlas

07/2018 – 12/2023

- Built Angular modules and Spring Boot microservices for multi-cloud support and compliance automation.
- Integrated AWS, GCP, and Azure tools to deliver cost, usage, and security insights for enterprise clients.
- Designed real-time monitoring and optimization tools, enhancing UX and operational efficiency.

## Education

### Bachelor of Technology in Information Technology, DIT University

06/2014 – 06/2018

- Built early projects and freelancing solutions in frontend engineering.
- Gained practical development experience prior to entering full-time roles.

## Awards

### Above & Beyond, 247.ai

09/2024

### Performer Of The Year, Centilytics

12/2019

## Interests

Learning • Building side projects • Watching movies • Exploring emerging tech • Competitive FPS gaming