

Zaman Ishtiyaq

SENIOR SOFTWARE ENGINEER - 3 · BRIGHTEDGE

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Education

Indian Institute of Technology (IIT), Bhubaneswar

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

CGPA - 8.97/10

May. 2015 - Jun. 2019

Skills

Python · LLMs · GCP · AWS · Java · Javascript · Apache Kafka · Next.js · React · Node.js · flask · Django · SQL · MongoDB · PostgreSQL · Hadoop · Git · Redis · CICD · GitLab · Jenkins · Docker · Prometheus · Grafana · PostgreSQL · Confluent Tools · JIRA · SQLite · ClickHouse · BigQuery

Work Experience

BrightEdge

SENIOR SOFTWARE ENGINEER

Remote

May. 2025 - Present

- **Lead Backend Engineer** for **BrightEdge AI Catalyst** — flagship command center delivering unified visibility across AI-powered search engines, used daily by **50+ organizations** including Fortune 500 brands.
- Developed **unified brand presence and sentiment tracking** across Google AI Overviews, ChatGPT, Perplexity, Google AI Mode, Gemini, etc.
- Designed and implemented **large-scale, fault-tolerant backend systems** using principles of **TDD** and **modular data modeling**.
- Implemented **"optimize once, rank everywhere"** functionality for consistent optimization across **AI platforms**.
- Delivered **real-time analytics, recommendations, and audience intelligence** (persona, intent, journey insights) to drive AI strategies.

BrightEdge

SENIOR SOFTWARE ENGINEER

Remote

Jan. 2025 - May. 2025

- **Owner** of the BrightEdge **Search Volume API** — a Dockerized service deployed on GCP, serving **250+** enterprise customers.
- Delivers both Google search volume insights and proprietary BrightEdge Volume data via a scalable, production-grade API.
- Handles average **200K+** requests daily, including mission-critical, on-demand SV queries from customers and internal pipelines.

BrightEdge

SOFTWARE ENGINEER III

Remote

Nov. 2023 - Dec. 2024

- **Owner** of Search Volume(SV) module, **reducing** time to display SV on the platform from **over 1 week to <48 hours** with **99% availability**.
- **Led backend development** of BrightEdge Search Volume (BE SV), delivering proprietary search volume insights platform-wide.
- **Enabled seamless integration** of BE SV across pipelines, APIs, and customer applications through robust **data modeling, scalable system design**, and rigorous **TDD** practices.

Goldman Sachs

SOFTWARE ENGINEER II

Bengaluru, India

Jan. 2022 - Oct. 2023

- **Core Developer** on the flagship Central Orchestrator for Market Risk Metrics (COMET), delivering **30+ critical features**.
- **Built** event-driven integration with market risk pricing via Kafka, ensuring seamless and reliable data flow.
- **Integrated** Prometheus and Grafana, cutting detection time to **<1 hour** and automating mitigations.
- **Reduced** deliverable onboarding from weeks to **1 day**, achieving **80% faster** issue resolution.

Goldman Sachs

SOFTWARE ENGINEER

Bengaluru, India

Jun. 2019 - Dec. 2021

- As a SME - Delivered regulatory reports for the LIBOR transition, cutting reporting time from **1 month to 1 week**.
- Optimized pipeline workflows, **reducing operational risk by 70%**.
- **Developed** MrAgg, - distributed framework for aggregating risk metrics, and **onboarded 5 deliverables** - integration time reduced to **24 hours**.

Goldman Sachs

SOFTWARE DEVELOPER INTERN

Bengaluru, India

May. 2018 - Jun. 2018

- Developed a query layer on Vert.x framework for reporting market risk data.
- Integrated new layer with web clients and abstracted datastore, boosting flexibility and UX.

Honors & Awards

2015 **Top 0.05%**, JEE Main and JEE Advanced, 2016

India

2017 **Gold Prize**, Business Plan Presentation - Center for Entrepreneurship, IIT Bhubaneswar

Bhubaneswar, India

Extracurricular Activity

Rock Climbing · Snowboarding · Adventure Photography · Hiking · Reading · Volunteer at Kashmir Climbs · Drumming · Craftsmanship