Zaman **Ishtiyaq**

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Education

Indian Institute of Technology (IIT), Bhubaneswar *CGPA - 8.97/10*

B.Tech. in Computer Science and Engineering *May. 2015 - Jun. 2019*

Skills

Python • GCP • AWS • Java • Javascript • Apache Kafka • React • HTML • CSS • Nodejs • flask • Django • SQL • MongoDb • PostgreSQL • Hadoop • Git • Redis • CICD • GitLab • jenkins • Docker • Prometheus • Grafana • PostgreSQL • Confluent Tools • JIRA • SQLite • ClickHouse • BigQuery

Work Experience

BrightEdge *Remote*

Senior Software Engineer *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.
- 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 *Remote*

Senior Software Engineer *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 *Remote*

Software Engineer III *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.
- Core developer in the VIP team, responsible for **resolving high-priority customer issues**.

Goldman Sachs *Bengaluru, India*

Software Engineer II *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 *Bengaluru, India*

Software Engineer *Jun. 2019 - Dec. 2021*

- 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**.
- Acted as **Subject Matter Expert** for LIBOR reporting, advising team members and stakeholders.

Goldman Sachs *Bengaluru, India*

Software Developer Intern *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