

# Bishwajeet Kumar

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## EDUCATION

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**National Institute of Technology, Silchar**

2018

*Bachelor of Technology, Computer Science*

## EXPERIENCE

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**Google**

Dec 2022 – present

- Spearheaded initiatives to optimize real-time data pipelines on Google's Ads Platform, enhancing scalability and enabling the aggregation of critical metrics to improve ad-serving efficiency.
- Led the design and implementation of a distributed system to streamline key metric aggregation for Ads, resulting in reduced latency and improved platform performance.
- Reengineered Google Cloud's revenue recognition system by building a robust engine to manage complex revenue aggregations, optimizing memory usage and enabling the efficient processing of \$XXM transactions.
- Developed and deployed a comprehensive error-handling framework, reducing resolution times and improving issue diagnosis through historical trend analysis, criticality assessment, and business analytics.
- Oversaw seamless quarter-end revenue reporting by orchestrating tight deadlines, cross-functional collaboration, and strategic rollouts to deliver projects with precision.
- Provided technical leadership by resolving critical blockers, mentoring new team members, and fostering expertise through structured onboarding and knowledge-sharing sessions, cultivating a high-performing team environment.

**Amazon**

June 2021 – Dec 2022

- Orchestrated macro-level automation for Selection Monitoring, enabling bottleneck identification and analytics.
- Optimized Crawl, Scrape, Matching, Backfill for Selection Monitoring to provide actionable data insights and onboarded various components with full-cycle support, testing, and documentation.
- Implemented a Live Data Sync feature to capture workflow state transitions, enhancing dashboard consistency.
- Led pipeline environment setup, resolved SAS risks, managed merge issues, and provided critical oncall support.

**Flipkart**

Oct 2019 – June 2021

- Gained Specialized knowledge in ads infra, leveraging Solr, HBase, and advanced Keyword Targeting for PCA ads, including HyperLocal, Self-ServeAds, and Rich CTA features.
- Implemented Budget Capping System with MultiDC support using Spark, Redis, and Nexus.
- Orchestrated migration of VM-based cluster to Kubernetes, significantly reducing resource consumption and streamlining deployments.
- Dockerized components and developed one-click setup feature with Docker Swarm for efficient testing and deployment.

**Goibibo-MakeMyTrip Group**

June. 2018 – Oct 2019

- I was part of the core payment team and worked in the development of many features for user seamless experience.
- Integrated multiple payment gateways such as PhonePe, LazyPay, Simpl, etc. Also integrated multiple pay modes such as NetBanking, AmazonPay, Implemented Smart Routing which will route traffic to different PG based on their recent performance, Implemented Features like Reserve Now Pay Later (RNPL), Rewards Points as Paymode, Saving card, auto-refund feature.

**CDAC, Pune**

June. 2017 – July 2017

- Worked on Loop Optimization, Tile Size Selection and analysed the performance of program with the Loop Tiling

## TECHNICAL SKILLS

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**Languages:** Java, MySql, Golang, Python, C++

**Frameworks:** DropWizard, Gin, Django

**Technologies:** GCP, Spanner, Boq, Borg, AWS Services, Git, Docker, Redis, Spark, Storm, Kubernetes, Aerospike, Solr, Kafka, Zookeeper, Raft Protocol