ABHISHEK ANAND

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SUMMARY

Focused software engineer with experience automating workflows, building **data-intensive systems**, **creating GenAI-powered tools**, and **developing scalable**, cloud-native **microservices**. Proven track record of delivering high-impact solutions that have saved millions through efficient backend architecture and automation. Known for being accountable, reliable, and a clear communicator who collaborates effectively across teams.

WORK EXPERIENCE (6 Years)

SDE 2, Expedia Group   May 2023 - Present

- *Designed and deployed a large-scale competitive intelligence platform on AWS EKS using 3 controller shards, 9 specialized node groups, and auto-scaling to 200+ nodes, orchestrating concurrent processing via Argo-based, **event-driven** workflows on SPOT/ON_DEMAND EC2. The system powers high-throughput web and mobile (iOS/Android) **UI tracking, scraping, and image-matching**, **meta-participation and leads enrichment** reducing analyst effort by 80%, expanding coverage 10×, and directly contributing **~$80M/year** in gross.*
- *Led and built CI-Agent, a **GenAI-powered, multi-agent** competitive intelligence system, transforming multi-day manual analysis into interactive insights in minutes. Architected a **master–worker AI system** orchestrating **7 specialized agents** (news, jobs, web/app metrics, earnings calls, TNLs, and Team bocs and database table), powered by multi model support, **Text2SQL** capabilities, and **fine-tuned** Mistral 7B (LoRA) over 3+ years of historical data.*
- *Actively Contributing to **large-scale** pricing and optimization systems in **BML**, processing **~900M** records/day, focusing on resilient data pipelines and services supporting real-time and batch pricing use cases.*

Tech Stack Used: Argo, Docker, Kubernates, EKS, ECS, Selenium, ElasticSeach, REST APIs, Airflow, Streamlit, React Js, MCP server, VectorDB, Datadog, Datalake, RAG, AWS, OLAP, Kafka, Cassandra, Spark (EMR), Argo, Spinnaker, Datadog, Splunk, Redis, Scala, Data Streaming, Python, Vision models. PostgreSQL

SDE, GlobalLogic (GOOGLE on-site)   Mar 2022 - May 2023

- *Worked on a large scale scraping system that powers real time pricing of Google Hotels.*

Tech Stack Used: Google cloud platform services (GCP), Google internal tools, Docker, Python, Linux, JavaScript, Serverless, Document DB, micro service, Puppeteer

Software Engineer, TCS   Jan 2020 - Mar 2022

- *Managed cloud infrastructure and servers for a leading UK FMCG client.*
- *Contributed to a distributed AWS-based automation platform for large-scale web scraping and data analysis. The platform enabled identification of piracy-related content across websites and enriched global healthcare equipment listings, improving data coverage and reliability*

Tech Stack: Linux Shell scripting, Networking, IAM, OS, Python, Pandas, Numpy, Regex, Beautifulsoup, Scrapy, AWS, Kibana, Web Scraping, S3, Puppeteer

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Recognition & Certifications

- IIT Madras – Advanced Certification in Data Science and AI
- Expedia Group: EG Gurgaon Innovate Award, Hero Award, Team Player, Travel Award
- GlobalLogic (Google Client): Alpha Player, Prosper Guru, Process optimisation
- TCS: Group Representative (50 members team), Awards in coding, Linux, Automation
- Expertrons: Mentorship Appreciation

EDUCATION

B.Tech, NIET College, Greater Noida	2015 - 2019
XII (Science), C.B.S.E	2013 - 2015
X, CBSE	2012 - 2013