Aman Garg

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SKILLS & EXPOSURE

Java, Spring Boot, Kubernetes, CI/CD, Azure SQL, Azure Cosmos NoSQL, Apache Kafka, Apache Airflow, Apache Spark, Git, Maven, Junit, Mockito, TDD, Jenkins, Sonar, IntelliJ, Data Structures, Microservices, System Design, OOP

WORK EXPERIENCE

Salesforce — *Bengaluru*
Member Of Technical Staff — *Apr 2025 – Present*

- Collaborating with the Big Data SOR (System of Record) team to ensure the **high-availability**, **scalability**, and **disaster-recovery** of Salesforce's **Apache Phoenix/HBase** distributed databases, supporting over **100+ petabytes** of critical data across global systems.

Walmart — *Bengaluru*
Software Engineer 3 — *Aug 2023 – Apr 2025*

- Designed, developed, and deployed **scalable backend services** for Walmart Fulfillment Services Team, facilitating the adoption of Walmart's **Supply Chain as a Service** to drive a **$5 billion USD increase** in GMV by 2025 in Canada and Mexico
- Developed **highly scalable Kafka consumers** to process **1 billion daily inventory updates** with **low latency**, **high-availability**, and **idempotency** through optimized pod usage, pre-deserialization filtering, multi-cluster deployments, and error reprocessing
- Developed a **multi-tenant CI/CD pipeline** for multi-module Spring Boot projects using **Jenkins and Kubernetes**. Implemented the **adapter design pattern** to enable tenant-agnostic features to support multiple markets with separate VM clusters, databases, and app configs
- **Led a team of 5** to deliver a new payment feature enabling seller discounts on 10 fee types, generating approximately **$60 million USD** annually. Developed a new dashboard for **dynamic discount management** based on seller profiles and item attributes, significantly increasing seller **retention and satisfaction**

Software Engineer 2 — *Jul 2021 – Jul 2023*

- **Saved the cost of packaging 2.6 million units** per year per FC. Improved cartonization logic used in warehouses by minimizing the number of boxes needed to pack the items
- Built a secure, **automated file processing system** using Spark jobs, Apache Airflow, and Azure Cosmos DB for handling third-party vendor invoices. Integrated **error handling and alerting**, increasing revenue by **$300K in 6 months** through 2 new revenue streams
- **Mentored** 2 interns to secure full-time roles, actively participated in campus hiring drives, fostered team collaboration through **hackathons**, event organization, and newsletter publications

EDUCATION

Birla Institute of Technology and Science Pilani — *Pilani, Rajasthan*
B.E. in Computer Science & M.Sc. in Mathematics — *Aug 2016 – Jul 2021*

PROJECTS

Online Shopping Agent | *Python, Open AI, Generative AI, Agentic AI* — GitHub/Demo link

- Led a team of 4 to develop a **voice-activated AI shopping assistant** leveraging ChatGPT APIs at a **global hackathon**.
- Designed an **Agentic AI system** capable of understanding natural language voice inputs to **search for products**, **analyze user sentiment**, **initiate returns/replacements**, and **answer FAQs** in real-time.

Live Website Hit Counter | *AWS Lambda, DynamoDB, CursorAI* — GitHub | Live Site

- Developed a responsive personal portfolio website to showcase projects and professional experience, utilizing **CursorAI** and **ChatGPT** for accelerated development.
- Integrated a **serverless hit counter** using **AWS Lambda** and **DynamoDB** to track and display real-time visitor analytics, enhancing user engagement.