

Aman Garg

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EDUCATION

Birla Institute of Technology and Science Pilani

B.E. in Computer Science & M.Sc. in Mathematics

Pilani, Rajasthan

Aug 2016 – Jul 2021

SKILLS & EXPOSURE

Java, Spring Boot, 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

Walmart Global Tech India

Software Engineer 3

Bengaluru

Aug 2023 – Present

- Designed, developed and deployed **scalable backend solutions** for Walmart Fulfillment Services, facilitating the adoption of Walmart's **Supply Chain as a Service** resulting in a projected **\$5 billion USD increase** in GMV by 2025 in Canada and Mexico.
- **Led a team of 5** to deliver a discounting feature enabling us to offer 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.
- Overcame **complex challenges** such as aggressive timelines, resource allocation, on-boarding new team members and coordinating across time zones. **Achieved \$3 million USD** in discounts within 6 months, significantly increasing seller **retention and satisfaction**.

Software Engineer 2

Jul 2021 – Jul 2023

- **Saved 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.
- Developed a **file processing system** to handle invoice files from third-party vendors, procuring infrastructure to enable secure file transfer and integration with backend servers with proper **error handling and alerting**, leading to an increase in revenue by **\$300K USD within 6 months of launch** through the addition of **2 new revenue streams**
- Earned the **Community Builder badge** for mentoring 2 interns, successfully guiding them to full-time positions within the team.
- Engaged in off-work activities such as helping HR team to create tests for campus recruitments, organizing fun events, publishing newsletters, and **participating in hackathons** to drive innovation and collaboration.

Software Engineer Intern

May 2020 – Jun 2020

- Implemented **CI/CD pipelines** for 5 repositories, enhancing engineering efficiency and deployment speed. Recognized with a Bravo award for outstanding performance.

Vymo

Software Engineer Intern

Remote

Aug 2020 – Dec 2020

- Developed **8 new features** in the Self-Serve platform, reducing turnaround time of developers from **2 weeks to a few minutes**.
- Collaborated cross-functionally for **end-to-end** feature delivery, resulting in a **full-time job offer** post-internship.

PROJECTS

Online Shopping assistant | *Python, Open AI, Generative AI, Machine Learning*

[GitHub/Demo link](#)

- Led a team of 4 to create an **AI-powered voice assistant** for an e-commerce company using **ChatGPT APIs** at a **hackathon**.
- Enabled user to use voice commands to perform actions like **search for ingredients**, get user sentiments, return/replace orders, and FAQs.

Instagram Bot | *Python, Selenium, Web scraping, Automation*

[GitHub link](#)

- **Automated Instagram processes** including login, follow/unfollow, searching, liking/viewing posts and stories.
- Created a database of popular food bloggers, tracking their posts, likes-to-followers ratio, and latest hashtags being used in the industry.