# Aman Garg

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## Education

# Birla Institute of Technology and Science Pilani

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

## 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

- 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

- 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

• 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

- 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* 

- 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

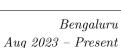
- Automated Instagram processes including login, follow/unfollow, searching, liking/viewing posts and stories.
- Created a database of popular food bloggers, tracking their posts, likes-to-followers ratio, and latest hashtags being used in the industry.

#### Jul 2021 – Jul 2023

Remote

May 2020 - Jun 2020

Aug 2020 – Dec 2020



Pilani, Rajasthan

Aug 2016 - Jul 2021

GitHub link

GitHub/Demo link