Aman Garg

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EDUCATION

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

DAV Centenary Public School   Rohtak, Haryana
Class 1st to 12th   *2004 – 2016*

WORK EXPERIENCE

Walmart Global Tech India

Software Engineer 2   *Jul 2021 – Present*

- Designed, developed, tested, and deployed software solutions at **scale** for Walmart Fulfillment Services, enabling sellers to use Walmart's **Supply Chain as a Service** and sell their products online. This is expected to **increase GMV by $5 billion USD** by 2025 in Canada and Mexico. **Technologies used**: Java, Spring Boot, Apache Kafka, Apache Airflow, Apache Spark, Azure SQL, Azure Cosmos, Apache Hive, CI/CD, GCP
- Reccognised for **saving the cost of packaging 2.6 million** units per year per FC. Improved cartonization logic used in Walmart International by minimizing the number of boxes needed to pack the items. Ensured **end-to-end delivery**. Created extensive **documentation that is now used as a benchmark** for the entire team.
- **Team award** for developing distribution team's first **cloud-based SaaS** component FIXit to track and act on inbound exceptions in warehouse. **Reduced manpower by 75%**. Actively collaborated with multiple teams to document and set up the initial infrastructure. New technologies learned: **GraphQL**.
- **Bravo award for taking the initiative to implement CI/CD** for 5 repos, driving engineering excellence.
- Onboarded and **mentored** 2 interns, 2 FTEs, and 4 vendors on various projects and teams.
- Worked in data platform team as a summer intern in 2020. Contributed in **processing around 10 million transactions per day** from all Walmart stores across the world. Internship converted to full-time position.
- Other achievements include receiving **1 Bravo award, 2 Team awards, and 5 Badges**; **helping HR team** create tests for campus recruitments, organizing fun events, publishing newsletters, and participating in **hackathons** to drive innovation and collaboration.

Vymo

Software Engineer Intern   *Aug 2020 – Dec 2020*

- Added **8 new features** in Self-Serve platform. It helped in reducing the turnaround time of developers from **2 weeks to a few minutes**. Technologies used: Java & Node.js
- Collaborated with multiple teams for **end-to-end** delivery of the features i.e. from designing, modeling, and development to QA sign-off, production release, documentation, and migration of old data. **Received a full-time offer** after internship.

PROJECTS

Voice assistant | *Django, Python, Open AI, Generative AI, Machine Learning*   GitHub 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.

SKILLS & INTERESTS

Technical Skills: Java, Spring Boot, Maven, CI/CD, SQL, NoSQL, Apache Kafka
Hobbies: Art & Craft, Sketching, Playing flute, Learning about history
Leadership: Led and taught a team of 8 students to paint 18x6ft panels for the university's cultural fest in 3rd year.