

Sushant Bhat

BACKEND SOFTWARE ENGINEER

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EXPERIENCE

Walmart Labs Pvt Ltd., Bangalore — SDE III

JUNE 2019 - PRESENT

- **Ads Federated Architecture** - A new **federated** architecture to make ingesting of more relevant items into the original in-grid recall, easier. An improvement over the **Short Term Solution**. Estimated increase in relevance of at least **5%**, decided by nDCG evaluation metrics, with revenue drop tolerance of **2%**.
- **Ads Short Term Solution** - A solution for underexposed existing products or cold start problems for newly launched products. Coverage: **90 queries**, **~2%** of overall traffic, additional revenue of **~\$1.25mn per month** that the solution is live.
- **Ads Glass Architecture** - Revamped existing code to a more modular "**Chain of Responsibilities**" architecture. Dynamic slots experiments to be done reduced **from weeks to days** with simple config file changes. Easy plugin of new models with minimal changes. Github code changes are reduced from **~10k lines to ~1k lines** of code.
- Revenue from in-grid ads is a major contributor to the company's online revenue stream with an average earning of **~\$1bn per year** peaking during holiday period at **~10%** increase.

Soroco India Pvt Ltd, Bangalore — SDE II

MARCH 2018 - MAY 2019

- Developed a python library to interact with word documents. Used across the company in **~90%** of the projects, reducing coding efforts by **~40 hours**. Filed as **company IP**.
- Developed a python library to interact with a client's terminal application. Used in **100%** of the client's projects reducing coding efforts by **~36 hours**.
- Developed automated car insurance booking tool resulting in release of **4 FTEs** as reported by the client.

Samsung Research Institute, Noida — SDE I

JULY 2016 - FEBRUARY 2018

- Upgraded **Gallery** app album view to O-OS impacting **~80%** of new Samsung models to be launched.
- Fixed **more than 100** market critical issues in the application for mobile and tablet devices.

SKILLS

Java, Python, C#, HTML, CSS

Kibana, Grafana, Unity

AWARDS

Bravo Award 2022- *Walmart*

Excellence Award 2021-
Walmart

Bravo Award 2021- *Walmart*

Bravo Award 2020 - *Walmart*

Professional level in software
competency test - *Samsung*

Advanced level in software
competency test - *Samsung*

EDUCATION

B. E. Honors Computer Science

BITS Pilani, Pilani Campus
2012 - 2016

INTERESTS

Game development

Web development

Finance