

Prabhav Dogra

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EXPERIENCE

Blinkit

Gurgaon, India

Senior Software Engineer

Jan 2025 – Present

- Primarily contributed to **Promotions Service**, a microservice based on gRPC Framework, scaled it to handle peak traffic of over **500Mil+ per day from 8Mil+ per day**.
- Demonstrated ownership by independently revamping functionalities for real-time offer visibility and applicability, optimizing the evaluation of **thousands of rules** to ensure **50ms execution time**.

Software Engineer

June 2023 – Dec 2024

- Proactively took complete end-to-end ownership of various new features, independently rolling them out while **ensuring reliability and observability**, and enhancing the robustness and functionality of pre-existing systems while contributing to new developments.

Software Engineer Intern


Jan 2023 – June 2023

- Worked on migration of **Promotions Service**, a rule engine based on gRPC Framework at Blinkit, and made an internal web dashboard for creation and auditing of promotional offers running on the platform.

OPEN SOURCE CONTRIBUTIONS


Golang Contributor | Go, Git

March 2025 – Present

- Contributed to the `sync.Once` package in Golang while exploring Go internals. Documented my learnings [here](#) 


DiceDB | C++, Git

Feb 2025 – Present

- DiceDB is an open-source, in-memory database optimized for reactive, real-time data operations on modern hardware. Added **ZADD** and **ZRANK** to DiceDB for low-latency sorted-set operations.
Codebase: github.com/DiceDB/dice 

Ray Tracer | C++, Git

Jan 2025 – Feb 2025

- Developed a C++ ray tracer implementing ray-sphere intersections, shading, reflection, and camera controls to render realistic images
Codebase: github.com/dograprabhav/ray_tracer 

EDUCATION

Shri Mata Vaishno Devi University

CGPA: 8.57 / 10.0

Bachelor of Technology in Computer Science




2019 – 2023

TECHNICAL SKILLS

Languages: C/C++, Golang, Java, Python, SQL, JavaScript, Dart, HTML/CSS

Frameworks & Tools: gRPC, React, Git, Docker

ACHIEVEMENTS

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|-----------|-------------------|--|
| 2019 - 23 | 8.57/10.0 | Multiple scholarships; ranked in top 5% of class |
| 2022 | 13/1900+ (AIR 3) | Credit Suisse Global Coding Challenge '22 |
| 2020 | Qualified | ACM ICPC Regionalist '20 |
| - | Codeforces Expert | Max Rating: 1682, Top 3% out of 27K+ Indians  |
| - | Codechef 5 Star | Max Rating: 2088, Top 1% out of 100K+ Indians  |
| - | Leetcode Top 1% | Max Rating: 2137, Top 1% of 300K+ users  |
| 2021 | 776 / 34500+ | Facebook Hackercup Qualification Round |
| 2022 | 386, 517, 568 | Google Kickstart multiple ranks under 600 |