

# Prabhav Dogra

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## EXPERIENCE

### Blinkit

Senior Software Engineer

Gurgaon, India

Jan 2025 – Present

- Primarily contributed to **Promotions Service**, a microservice based on gRPC Framework, scaled it to handle peak traffic of over **2 Billion+ per day from 8 Million+ 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 | Go, Git

Feb 2025 – Mar 2025

- 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 ↗](https://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 ↗](https://github.com/dograprabhav/ray_tracer)

## EDUCATION

### Shri Mata Vaishno Devi University

CGPA: 8.6 / 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

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, <b>Top 3% out of 27K+ Indians</b> ↗*
-	Codechef 5 Star	Max Rating: 2088, <b>Top 1% out of 100K+ Indians</b> ↗*
-	Leetcode Top 1%	Max Rating: 2137, <b>Top 1% of 300K+ users</b> ↗*
2021	776 / 34500+	Facebook Hackercup Qualification Round
2022	386, 517, 568	<b>Google Kickstart</b> multiple ranks under 600