Prabhav Dogra

📞 +91-9999206777 ✉ prabhavdogra1@gmail.com 🔗 prabhav ⚫ prabhav 🌐 prabhav.github.io

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 **900Mil+ 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: 8.6 / 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, **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