

# DIVYA KRIPLANI

Gurugram Haryana, India

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Divya Kriplani

## Education

Malaviya National Institute of Technology Jaipur

Bachelor of Technology in Computer Science

July 2018 – May 2022

C.G.P.A. 7.89

## Technical Skills

- Computer Programming Languages: **Java, C++, Javascript, Python**
- Database and Lucene Based Engines: **MySQL, ScyllaDB, MongoDB, CockroachDB and Elastic Search**
- Caching Systems: **Redis, Aerospike, SyllaDB**
- Messaging System and Monitoring: **Apache Kafka, RabbitMQ Loki, Grafana, Micrometer and Prometheus**
- Tools and Technologies: **Spring, NodeJS, Bash, Git, Unix**
- Core Concepts: **OOPs, Design Patterns, Data Structure, and Algorithms**

## Experience

### PROBO

Software Developer Engineer, Trading

Gurugram, Haryana

Feb 2025- Present

#### Forecast | **NodeJS, Javascript, MySql**

- Pioneered **Foresights**, an innovative Polymarket-style information market built with Node.js and MySQL, enabling long-term event trading with Yes/No markets and probability modeling. Transformed **Probo's** scope beyond gaming into a dynamic information marketplace, delivering probabilistic insights on real-world events.
- Designed and implemented the Forecast feature supporting various prediction event types, enabling real-time user participation and reward distribution. Built scalable backend services using Node.js, RabbitMQ, Redis, and MySQL, handling 50K+ unique users daily and contributing to a **20%** increase in user retention.

### Ixigo.com

Software Developer Engineer II, Flights

Gurugram, Haryana

Jan 2024 - Feb 2025

- Created a new microservice to retrieve missed flight inventories, reducing inventory mismatches using **Kafka** and **Java**
- **Enhanced flight booking conversion rate by 16%** by optimizing baggage handling across multiple providers and airlines, leveraging **ChatGPT** for intelligent data processing and **ScyllaDB** for caching, resulting in **34%** decrease in booking failure.
- Contributed to an advanced **flights search** system that involves multiple providers and multiple fares. Used **Kafka** for smooth data exchange between services. Implemented clever **caching** for faster searches and reduced server load.

### Ixigo.com

Software Developer Engineer I, Trains

Gurugram, Haryana

Feb 2022 - December 2023

- Led the '**Humsafar**' feature development, enhancing user engagement with News, Weather, Famous Places, and entertaining content. Increased revenue (\$3 per station) and engagement. Utilized **Java, Spring Boot, and ScyllaDB** for seamless operation and **ChatGPT** for advanced AI features. Integrated real-time data from **Google News** for project success.
- Spearheaded the transition of the **Station Alarm** system from frontend geo-logical to backend real-time train tracking platform leveraging Ixigo's Running Status. Resulted increase in **53%** of alarm settings and remarkable **78%** enhancement in responsiveness. Completing rigorous testing to ensure seamless implementation and precision.
- Enhanced Ixigo's search engine, utilizing **ElasticSearch** for an auto-completer. Improved precision by **60%** in features like 'Search by Train Number & Name' and 'Search by Station'.
- Implemented **Train data scraping techniques** for accurate retrieval of train information, enabling the consistent delivery of live, up-to-date train schedules and train-related information to users.
- Tech Stack Used: **ChatGPT, Java, Python, MySQL, ScyllaDB ElasticSearch, Bash, Git, etc.**

### JP Morgan Chase & Co.

Software Development Engineering Intern

Hyderabad, Telangana

June 2020 – August 2020

- Briefly researched on Distributed Database System
- Distinguished and practically evaluated the perks and downsides of **Apache Cassandra and Cockroach Database**.
- Tech Stack Used: **Java, CQL, PSQL**

## Achievements

- Bagged 2nd position twice in ixi-hack organized by ixigo.
- Runner up in Code For Good Hackathon organized by JP Morgan Chase & Co.
- Solved 500+ problems on Leetcode/GFG/Interviewbit.
- Bagged All India Rank 2873 in JEE Mains, 2018.