Yash Gorawat

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Skills

- Java | JavaScript | TypeScript | C++ | C | Kotlin | Python | MySQL | Node.js | Express | React | HTML/CSS | MongoDB | Next.js | NoSQL
- SpringBoot | REST API | LInux | Cloud Computing | CI/CD | Unit Testing | AWS | Tailwind CSS | Prisma | ORM | Android | Git
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Hindi – *All professional proficiency or above*
- Data Structures and Algorithms | Operating System | DBMS | Computer Networks | OOP | Dynamic Programming

Projects

- **Weather App** (MVI Clean Code Architecture, Jetpack Compose, Open Meteo API)

  Users can view the current weather conditions, such as temperature, humidity, wind speed, and atmospheric pressure for their chosen location.
  The app provides a multi-day forecast, allowing users to see the weather conditions predicted for the upcoming days.
  To fetch weather data, the app integrates with the Open Meteo API. This API provides access to weather forecasts, current weather conditions, and other related information. By leveraging this API, the app can retrieve accurate and up-to-date weather data for various locations.

- **Todo List**(Next.js 13, Prisma, TailwindCSS, TypeScript)

  Next.js is used for creating the frontend of the application, providing routing, and rendering components on the server for improved performance and SEO.
  Prisma is employed for interacting with the backend database, allowing users to create and read todo items, all while ensuring type safety and efficient database queries.
  TailwindCSS helps style the user interface, ensuring a clean and responsive design with minimal CSS code.
  TypeScript ensures that the codebase is strongly typed, reducing the chances of runtime errors and making it easier to collaborate on the project.

- **Data Analysis of an e-commerce website** (Python, Tableau, MS Excel)

  Data Collection and Processing:
  - Spearheaded the extraction, cleaning, and transformation of extensive datasets from the e-commerce website's database.
  - Conducted in-depth exploratory data analysis to reveal patterns, outliers, and correlations in customer information, product details, and sales transactions.

  RFM Analysis:
  -Applied RFM (Recency, Frequency, Monetary) analysis on product transactions, employing Python to calculate and assign scores.
  -Identified and segmented high-value customer groups, enabling targeted marketing strategies and personalized customer engagement.

  Data Visualization:
  -Developed visually compelling and interactive dashboards using Tableau, offering stakeholders a comprehensive overview of sales performance, customer behavior, and product insights.
  -Created dynamic charts and reports in Microsoft Excel, providing accessible visualizations for key metrics such as sales trends and customer segments.

- **Hospital Management System** (Python, MySQL, databases)

  The Hospital Management System aims to automate and digitize various tasks and workflows within the hospital, making it more efficient, organized, and convenient for both healthcare providers and patients.
  The system allows for the registration, tracking, and management of patient information, including personal details, medical history, appointments, and billing records.
  Although the command-line interface (CLI) may be the primary interface, the project can be extended to include a graphical user interface (GUI) in the future.

Education

Bachelor of Technology — **Indian Institute of Information Technology, Kota** — *Kota, Rajasthan* — **01/2022 -**

- Major in Computer Science and Engineering