

Gaurav Choudhary

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Professional Summary

- **1 yr+ industry experience** in developing, testing, and debugging high-quality software projects as a freelancer.
- **Hands-on experience** in building and deploying scalable serverless applications.
- **Proficient in Android App development**, emphasizing clean code practices, **OOP principles**, and design patterns.
- **Mastered problem-solving** with over 200 LeetCode questions tackled.
- **Participated and won Humber 2024 Capstone Showcase**, leading a **Multiplatform-based application** development, showcasing my ability to collaborate and execute complex projects under pressure.
- **Proficient** in Microsoft office: - Microsoft word, PowerPoint, Excel, Outlook

Technical Skills

Languages: Java, Spring Boot, C, C++, PLSQL, SQL, HTML, CSS, C#

Frameworks/Libraries: Bootstrap, Tailwind CSS, Spring Boot, Java GUI.

Databases: MySQL, PLSQL, Neo4j

Tools and Concepts: Git, GitHub, GitLab, Docker, Heroku, Figma, Photoshop, Postman, Jira, Flutterflow

Familiar With: Tableau, AutoCAD, Power BI, SEO, Digital Marketing

Software Design Techniques: Object Oriented Programming, Design Patterns

Problem-Solving Skills: Strong problem-solving abilities with experience solving over 200+ questions.

Work Experience

Team Leader – Gryffindor at **GCC**

July 2024 – October 2024

Flutter flow, Java, Dart, Firebase, Stripe

Toronto, Canada

- **Developed** a dynamic mobile application using FlutterFlow for a startup focused on cleaning services, enhancing user experience through an intuitive and responsive interface.
- **Integrated** essential features such as booking management, service scheduling, and secure payment gateways to streamline operations and improve customer convenience.
- **Integrated Stripe** payment processing to manage transactions securely using user-provided Stripe keys, allowing unlimited creation and deployment of pricing pages.
- **Architected and optimized** integrations of locations services using **Google Cloud Platform**, implementing lifecycle policies and automated data archival, which reduced storage costs and improved data retrieval times.

Team Lead

June 2023 – October 2024

Rogers Center

Toronto, Canada

- **Lead** and **supervise** a team of 26 warehouse associates to ensure the smooth operation of daily warehouse activities, including receiving, stocking, picking, and shipping.
- **Manage** inventory control using Yellow Dog Inventory Management Software, ensuring accurate tracking of products, minimizing discrepancies, and maintaining optimal stock levels.
- **Oversee** the reconciliation of physical inventory counts with system data, performing regular audits to ensure accuracy.
- **Train** new warehouse staff on the proper use of Yellow Dog software, including barcode scanning, inventory tracking, order fulfillment, and system reporting.
- **Utilize** Yellow Dog's **reporting** and **data analysis** features to track stock levels, order status, and product movement to identify trends, streamline operations, and improve warehouse efficiency.
- **Troubleshoot** inventory discrepancies, resolve stockouts, and collaborate with procurement and sales teams to adjust stock levels and avoid disruptions.
- **Generate** reports on inventory turnover, stock levels, and order fulfillment rates to present to senior management, aiding in decision-making and forecasting.
- **Implement** best practices to improve workflow processes, resulting in a **20%** increase in operational efficiency and reduction in order processing errors.

Personal Projects

Movie Recommendation System | *TMDB, SQL, Java, Firebase, Postman, Retrofit*

March 2024 – July 2024

- **Integrated** TMDB API to fetch and display real-time movie data in the app, including popular movies, movie details, ratings, and reviews.
- **Used Retrofit** and **Gson** for efficient network calls and JSON parsing, optimizing API request handling and data presentation.
- **Designed** and **implemented** a RecyclerView to display movie lists with images, titles, and descriptions, improving user engagement.
- **Utilized Glide** to load movie posters dynamically into the UI, reducing app load time and improving performance.
- **Implemented** movie search functionality by integrating search endpoints from TMDB, enabling users to find movies based on title, genre, and release year.
- **Worked with** JSON data parsing, handling various API responses, including pagination and error handling, to create a smooth user experience.
- **Collaborated** with UI/UX designers to create a visually appealing and intuitive interface for browsing and discovering movies.

Car Dealership | *Java, SQL, HTML, CSS, Javascript*

Sep 2023 – April 2024

- **Developed** a Spring Boot application for a car dealership, allowing users to search car inventory, add new cars, and retrieve car details.
- **Implemented** RESTful APIs for CRUD operations, including adding, updating, deleting, and retrieving cars from the inventory.
- **Used** Spring Data JPA for database interactions with MySQL/PostgreSQL to store car details like make, model, year, price, and color.
- **Integrated** Spring Security for role-based authentication and authorization, providing different access levels for customers, staff, and admins.
- **Designed** and **implemented** advanced search functionality, enabling users to filter cars by make, model, year, and price.
- Wrote **unit** tests using JUnit and Mockito to ensure the reliability of the application and its APIs.
- Employed Spring Boot Test for integration testing to validate the entire system end-to-end.
- **Achieved** over 90% test coverage, reducing bugs and improving application stability and performance.

Academic Projects

Apni Pathshaala | Java, Firebase

Sep 2023 – Dec 2023

- **Developed** an Android app using Java and Firebase to help students find tutors and buy/sell/donate items, with features such as real-time chat, item posting, and searching tutors via ViewPager.
- **Optimized** image loading by reducing database image sizes by 10x, improving app speed and performance, and used **Glide** for smooth, on-demand image loading.
- **Integrated** Firebase for authentication, real-time database, and storage, ensuring secure user logins.

Priority Scheduler | C++, File Handling

Nov 2023 – Dec 2023

- Preemptive Priority Scheduling with dynamically changing priority is implemented, where priorities change based on the process's execution status: priority increases ($m=1$) when a process starts executing and priority increases ($n=2$) when a process is waiting in the ready queue.
- The scheduler uses a time slice ($q=1$) for each process, and when multiple processes arrive simultaneously, the process that hasn't executed recently is given higher priority.
- Average waiting time for each process is calculated after execution, with inputs like number of processes, arrival times, and burst times provided by the user.

Education

Graduate Certificate in Information Technology Solutions

May 2022 – Dec 2023

Humber College — (Dean's Honor List)

Toronto, ON

Bachelor's of Technology in Computer Science

Aug. 2017 – July 2021

Lovely Professional University — (Top 5% in DSA and Analytical Skills)

Punjab, India