ARJUN MALHOTRA

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EXPERIENCE

HausValley — Mobile Application Developer   *September 2024 - Present*
- Architecting and leading the frontend development of *'HausValley'*, an UrbanClap alternative for Germany, using BLoC and MVVM patterns.
- Designed and implemented a secure authentication flow using JWT and SHA-256 in GoLang, sending role-based claims for efficient user permissions management.
- Led the development and optimization of business-critical features such as Main Categories, Sub Categories, Cart Summary, and Profile sections, while managing two interns and ensuring comprehensive edge case handling using OOP methodology.

LLM Technologies — Mobile Application Developer   *July 2023 - November 2023*
- Contributed to *'BusinesWise'*, a vertical marketplace platform for textile industry.
- Leveraged GetX state management library to create modules such as Feed, Analytics (sales insights), and Groups (thematic business clusters).

Wolfpack — Mobile Application Developer   *June 2023 - July 2023*
- Deployed *'Mishi'*, a therapeutic music application.
- Implemented a B2B referral system that provided free access of premium music to company employees using GetX for efficient state management.
- Achieved sound and volume caching features using Hive while enhancing the app's interface.

Newlit Technologies — Mobile Application Intern   *December 2022 - May 2023*
- Developed *'Bedot'*, a consultation mobile application.
- Utilized Bloc for state management and Firebase collections for efficient data storage and retrieval within the application.

AppsDeployer — Mobile Application Intern   *June 2022 - August 2022*
- Revamped the entire UI of *'Carton Junio'*, an AR-VR gaming application, creating reusable components for a more efficient & consistent design.
- Integrated RESTful APIs into multiple modules to enhance functionality and performance.

PROJECTS

Recruitment System | *Golang, Gin, MySQL, Git, Postman*
- Created a recruitment system in Golang featuring JWT authentication, role-based access control, and secure password hashing, ensuring robust user management and data security.
- Implemented a comprehensive database structure linking user, profile, job, and job application tables with foreign keys, and integrated third-party resume data extraction.

Airplane Ticket Booking System | *Golang, MySQL, Git, Postman*
- Constructed a simple airline ticket booking system showcasing available seats in an airplane, allowing users to purchase tickets.
- Leveraging a MySQL database, the system updates seat availability as seats are booked.

Rehab | *Flutter, Firebase, Git*
- Engineered a a sleek Flutter app powered by GetX for state management. Tracks and monitors workouts ensuring no duplicate workouts in the same minute.
- Leveraging a Firebase Realtime Database to display workout history.

TECHNICAL SKILLS

Languages: Golang, MySQL, Dart, Java, Python, CPP, JavaScript, HTML, CSS.
Developer Tools: Git, Firebase, Github, Postman, XCode, Docker.
Relevant Coursework: OOPS, DBMS, Computer Networks, Operating Systems.

PUBLICATIONS

- Published a 'Flutter Package' on pub.dev — 2023, enabling easy implementation of shimmering loading list.
- Published 'The Girl in the Portal' — 2022, which sold paperbacks and ebooks in 5+ countries, inc. the USA & Japan.
- Authored another work 'The Muffled Five' — 2021, that brought sales from over 7+ countries inc. Brazil and Italy.

EDUCATION

Guru Nanak Dev University, Amritsar, Punjab — India   *August 2021 - May 2025*
Bachelors of Technology, Computer Science and Engineering