

Singh Jayesh Vijay

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Technical Skills

Languages: Kotlin, Java, JavaScript

Technologies/Frameworks: Android SDK, Android Studio, Retrofit Library, React.js, Express.js, MongoDB, MySQL

Tools and Platforms: Git, GitHub, Docker, Google Cloud Platform

Skills: Data Structures and Algorithms, Problem-Solving, UI/UX

Projects

Fagito Food App / *Android App using Kotlin*

July 2024

- Developed an android app for people with allergies or who is health conscious and wish to avoid certain kind of ingredients present in packaged food.
- By scanning the Barcode on packaged food, they can know whether they should eat it or not or they should limit it based on the data collected during user signup.
- It offers dynamic data from MySQL, used the MVVM design patterns, getting the data from backed using Retrofit library.
- GitHub Repository Link: <https://github.com/jayeshsingh45/fagito>

HomelyStay / *Vanilla JavaScript, HTML, CSS, MongoDB*

April 2024

- Developed a website for booking home for vacation stay's, with authentication and authorization.
- User can book the home which they like; by selecting the check-in and checkout date they can also make payment. User can see their past bookings.
- Designed and implemented RESTful API endpoints for handling booking requests, user data, and payment processing, ensuring smooth and secure communication between the client and server.
- GitHub Repository Link: <https://github.com/jayeshsingh45/homelystay>

Certificates

Android App Development Using Kotlin

July 2024

Fifthforce.in — <https://tinyurl.com/jsandroid>

- Mastered Kotlin & Android Fundamentals:** Gained proficiency in Kotlin programming and the Android SDK, focusing on activities, fragments, lifecycle management, and best practices using Android Studio.
- Hands-On App Development:** Built and debugged interactive mobile applications with an emphasis on responsive UI design, API integration, and effective data management.

Server-side JavaScript with Node.js

May 2024

Coursera.org — <https://tinyurl.com/jsbackend>

- Developed Server-Side Proficiency:** Mastered asynchronous programming in Node.js, focusing on non-blocking I/O, event-driven architecture, and RESTful API design.
- Built Scalable Web Solutions:** Gained hands-on experience with Express.js and database integration, emphasizing robust error handling, security, and performance best practices.

The Design and Analysis of Algorithm Masterclass [2023]

April 2023

Udemy.com — <https://tinyurl.com/jsdsa1>

- Algorithm Design Paradigms:** Explored a variety of techniques such as divide-and-conquer, dynamic programming, greedy algorithms, and backtracking, with a focus on analyzing their time and space complexities.
- Problem-Solving & Optimization:** Strengthened my ability to solve complex computational problems.

Education

Lovely Professional University, Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 8.28

Jalandhar, Punjab

Good Shepherd English School, Surat

2020 – 2022

PCM – 68.5%

Surat, Gujarat