

Krishnansh Singh Tomar

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Profile

As an enthusiastic and determined Software Engineer, I derive immense satisfaction from the intricacies of crafting avant-garde solutions. Fueled by a potent inclination towards analytical cogitation, I exhibit prowess in deconstructing multifaceted challenges and engineering optimized software resolutions.

Skills

C/C++ and Java	● ● ● ● ●	Data Structures	● ● ● ● ●
Object Oriented Programming	● ● ● ● ●	MySQL, SQL and Database	● ● ● ● ●
HTML, CSS and Javascript	● ● ● ● ●	C# and ASP.NET	● ● ● ● ●
Vue JS	● ● ● ● ●	Flutter	● ● ● ● ●
Git	● ● ● ● ●		

Projects

Data Structures Generic Library in C [🔗](#)

May 2022 – July 2022

- As there is no predefined libraries of data structures in C, so this project is made especially for this purpose.
- This is consist of libraries for Sorting Algorithms, Singly linked list, Doubly linked list, Stack, Queue, Binary Search Tree and AVL Tree.

HTTP Web Server in C/C++

August 2022 – October 2022

- It is HTTP Compliant web server developed in C/C++.
- With the help of this web server anyone can build C/C++ services and implement a server side (HTTP bound) for a website very easily.
- It Provide certain features like mapping of URL with function, and session handling.

HR Management System using Layered Architecture Approach [🔗](#)

August 2021 – October 2021

- This is developed in Java using layered architecture approach.
- This is consist of three layers: Data Layer, Business Layer and Presentation Layer.
- Built Data layer using MySQL.
- Built Presentation Layer using swing.

Inventory System using Layered Architecture Approach

March 2021 – May 2021

- This is developed in C++ using layered architecture approach.
- This is consist of two layers: Data Layer and Business Layer.
- Includes DAO, DTO, classes with Singleton Pattern.

Professional Experience

Recruit CRM, Software Engineer Intern

February 2022 – May 2022

- Wrote frontend & backend APIs for building a Movie Database based web application project. Additionally, performed CRUD operations - PHP, Lumen, VueJS, Javascript, HTML, CSS.
- Debug and fix the existing bugs.
- Comprehended DeepL integration with Lokalise for translation, documented translation process and integration.

Bootnext Tech Ventures, Full Stack Developer

February 2023 – present

Indore

- Image Editor Tool (Flutter): Developed a cross-platform image editor tool using Flutter for web, iOS, and Android platforms. Enabled users to upload images, annotate, add text, and overlay multiple images, providing a comprehensive image editing experience.
- Planning Tool (Flutter): Created a versatile planning tool with Flutter for web, iOS, and Android platforms. Designed an intuitive interface featuring a canvas screen, multiple stickers, graph visualization, annotator, and the ability to add and manipulate text elements, empowering users to efficiently plan and organize tasks.
- FTTX Map (Flutter/Java): developed the whole map editor tool using Flutter for web, iOS, and Android platforms, as well as Java for backend. Implementing features such as drawing polygons and polylines, incorporating image markers for structures, and enabling users to place markers on the Google Maps interface, enhancing map customization and editing capabilities.

Education

B.Tech Computer Science and Engineering,

August 2018 – July 2022

Mahakal Institute of Technology

- I have completed my Bachelor's of Technology in Computer Science and engineering with a CGPA of 7.22

12th Standard, Bhartiya Gyanpeeth School

April 2017 – April 2018

- 62.2%

Ujjain

TECHNICAL SKILLS

Languages: C/C++, Java, Data Structures, HTML, CSS, OOPS, SQL, Git C#, Vue.JS, Flutter

OS: Windows, IOS

Software: MySQL Workbench.

Database: MySQL

CERTIFICATIONS AND ACHIEVEMENTS

- Hackerrank Badge: Got 1 Gold, 3 Silver and 2 Bronze Badge on hackerrank.
- Google Foobar: Got the opportunity to participate in Google Foobar, and completed till Level 3.