

Arjun Semwal

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Experience

Junior Software Developer _____ Jan 2025 – Present

- Scriptimiz Insights LLP, Mumbai, India (Remote)
 - Programming the client-side of a PMS application software and integrating the architecture with server-side.
 - Technologies writing applications with **JavaScript**, **TypeScript** and **Angular**.
 - Learning new skills and techniques needed to build large scale applications as I progress with this job.

Projects and Technical Skills

React TypeScript Web-apps _____ Nov-Dec 2024

- Stream-Vids ([Live](#) | [Github](#))
 - A youtube like home page having three layout pieces, a page header, a sidebar and video grid..
 - Written in **Typescript** with **React**, **Tailwind CSS** for styling, **Context API** is used for **state management**.
- Shopping Cart ([Live](#) | [Github](#))
 - A web app where users can add, remove multiple items to the shopping cart dynamically.
 - Written in **Typescript** with **React** using **Vite** as a bundler tool, **Bootstrap** for styling.
 - Used **React hooks** for **State management**, and local storage to save data.
- Select Component ([Live](#) | [Github](#))
 - Same **React Component** is used to render a pair of lists having single and multiple select features.

MERN Web-app _____ Jan 2025

- Notes-Organiser ([Github](#))
 - A **CRUD** web-app, displays notes with **user authentication**.
 - **Typescript** with **React** for client-side, **Express** and **Node** for server-side, **MongoDB** as database tool..

Javascript web-apps _____ Oct-Nov 2024

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|--|---|---|
| • Bearded Doodler (Live Github), | Sorted Table (Live Github), | TheModal (Live Github), |
| • Heart-trail-animation (Live Github), | Counter (Live Github), | FAQs (Live Github), |
| • Tabbed-Nav (Live Github), | Text-animation (Live Github), | Testimonials (Live Github), |
| • sayHello (Live Github), | Timer (Live Github), | Colour-Flipper (Live Github), |
| • StickyNav (Live Github), | Tic-tac-toe (Live Github) | |

Angular Web-app _____ Aug 2024

- HomesApp ([Github](#))
 - Web app with layout components page header and the homes grid, written in **Typescript** with **Angular**.

C++ Console Applications and C# Application _____ Nov 2023

- 2048 ([Github](#))
 - **Algorithm** generates 2 randomly in a 4x4 matrix console app written in **C++**.
- ListOrganiser ([Github](#))
 - **MVC CRUD** app, created with **ASP.NET**, **Bootstrap** for styling, **SQL SMS** as a database tool.
- 3D-Maze ([Github](#))
 - Users can navigate in a 3D environment **C++** console app, the algorithm uses strings to generate UI.

Programming Languages and Frameworks – C, C++, C#, Typescript, Javascript, React, MERN, Angular, ASP.NET

Databases, Tools and Platforms – SQL, MySQL, Visual Studio, VS Code, Git, Github, [HackerRank](#), [Leetcode](#)

Education

- **B.Tech in Computer Science and Engineering** _____ 68% | Grad. July 2023
Govind Ballabh Pant Inst. of Eng. and Technology (UTU), Pauri Garhwal, Uttarakhand
- **Diploma in Information Technology** _____ 68% | Cmpl. Sept 2020
Govt. Polytechnic Narendra Nagar (UBTER), Tehri Garhwal, Uttarakhand