Arjun Semwal

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Projects

- HomesApp (Github) _____ *Aug 2024*
  - A web app to search homes, users can fill in the details for registration to book a particular property.
  - Written in **Typescript** with **Angular**, **HTML** and **CSS** used for layout and styling, for **API** a JSON set of data is used.
  - First app in this particular tech stack to get more insight of **frontend** application development.
- Javascript Mini web-apps _____ *Oct 2024*

Heart-trail-animation (Link | Github),		Counter	(Link | Github),
Tabbed-Nav	(Link | Github),	Text-animation	(Link | Github),
sayHello	(Link | Github),	TheModal	(Link | Github),
Colour-Flipper	(Link | Github),	FAQs	(Link | Github),
StickyNav	(Link | Github),	Testimonials	(Link | Github),
Tic-tac-toe	(Link | Github)		

- ToDo (Github) _____ *Aug 2024*
  - A To-Do web app to organise notes or tasks, users can add and delete tasks.
  - Written in **Typescript** using **Vite**.
  - Got an insight on how to create frontend web-apps using Typescript.
- ListOrganiser (Github) _____ *Nov 2023*
  - Web-app for handling **CRUD** operations used for manipulation and display of data.
  - Written in **C#** with **ASP.NET**, **Bootstrap** used for layout and styling, **SQL Server Management Studio** used as a database tool.
  - Had experience with the tools and technologies which leads to the functioning of backend architecture used for building large scale Applications.
- 2048 (Github) _____ *June 2023*
  - Console app which generates 2s at random positions in a matrix, users can navigate and sum up to 2048.
  - Written in **C++,** the **algorithm** uses a 4x4 2D matrix to generate digits and add them.
- 3D-Maze (Github) _____ *July 2023*
  - Console app, 3D Maze first person perspective, users can navigate in.
  - Written in **C++,** the algorithm uses strings to generate a 3D environment without the help of any game engine.

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

Technical Skills

- **Programming Languages and Frameworks** - C, C++, C#, Typescript, Javascript, Angular, ASP.NET
- **Databases, Tools and Platforms** - SQL, MySQL, Visual Studio, VS Code, Git, Github, HackerRank, Leetcode