



Aman Singh Kushwaha
Bachelor of Technology
in Computer Science and Engineering
Indian Institute Of Technology, Ropar

+91-6388468972
amankushwaha2001@gmail.com
GitHub
linkedin.com/in/amankushwaha0606

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	6.25	2018-2022
Senior Secondary	Uttar Pradesh Board	85.2%	2017
Secondary	Uttar Pradesh Board	90%	2015

EXPERIENCE

- **Click Labs (Jungleworks)** 6 June 2022 - present
Associate Software Developer (Full Stack) Chandigarh
 - **Optimized code-base:** Reviewed and refactored **AngularJS, Angular, JavaScript, Typescript, HTML, and CSS** code-base by removing unused functions and variables, resulting in improved performance and reduced clutter. Enhanced the time complexity of key functions, leading to increased application efficiency and reduced load times.
 - **Angular Conversion:** Experience in converting **AngularJS code-base to Angular**.
 - **Service Workers:** Implemented service workers to enable offline functionality, significantly reducing load times from 5-6 seconds to milliseconds. Utilized cache and local storage for caching POST and GET APIs, improving user experience and accessibility.
 - **Table Optimization and Enhanced Search Functionality:** Optimized data flow within data tables and p-tables to enhance processing times, pagination, and user experience. Implemented advanced search algorithms and refined search filters, resulting in more accurate and relevant search results.
 - **Translation Pipes and Services:** Developed custom translation pipes and services in Angular to support multilingual content, ensuring a seamless experience regardless of the language used.
 - **Improved Map Predictions and Searching:** Utilized place prediction and auto-complete APIs from Google and Mappr to enhance map predictions and searching functionality. Implemented predefined map APIs to deliver accurate and improved search results.
- **AWADH - IIT Ropar** June 2021 - July 2021
App developer intern IIT Ropar
 - Developed an **Android application** using **Flutter and Firebase** for a step-by-step guide on growing okra for common people.
 - Incorporated previous input data, **weather API**, and other information to calculate and provide recommendations for upcoming tasks.

PROJECTS

- **Assignment App** 2023
Personal project GitHub
 - Dynamic **Web App** utilizing **React, Context API, JavaScript, Node.js, and MySQL**, to enhance assignment management.
 - Teachers with the ability to effortlessly create, modify, and administer assignments tailored to their respective classes and access student-submitted assignments, and review detailed answers. Students with a streamlined interface to access and engage with assignments.
- **SAMPAN App** Oct 2020 - Dec 2020
Voluntary project under the guidance of Dr. Puneet Goyal GitHub
 - Developed a **android application** using **Flutter, Firebase, and Google Sheets** for Aaganbadi workers as a voluntary project.
 - Designed and implemented a data collection system to monitor children's health status and record data in real time.
 - Successfully deployed the application with over 500 users and tracked data for more than 25000 children.
- **App Developer**
Personal projects in Flutter and Firebase
 - Published 7 applications on the Play Store, two of which have over 1,000 downloads.
 - Created an ed-tech Android application for IIT-JEE preparation, which included conducting test series on the app in schools.
 - Developed a room renting application that enables users to rent their rooms.

TECHNICAL SKILLS

- **Programming Languages:** C/C++, JavaScript, Typescript, Dart, HTML, CSS, JQuery
- **Framework and library:** Angular, AngularJS, ReactJS, Node.js, Express.js, Bootstrap
- **Database:** SQL, MongoDB
- **Software:** Git, Canvas, Appsmith, Android Studio, VS Code, Da-Vinci Resolve, Blender, MS Office

KEY COURSES TAKEN

- **CSE & Maths:** Algorithm & Data Structure, Operating System, DBMS, Computer Networks, Discrete Mathematics, and Social Networking