Karan Agrawal

Linkedin: karan28598 · *Portfolio:* www.karanagrawal.me · *Email:* mr.karanagrawal@gmail.com

Work Experience

Speer Technologies (Link)   Toronto, Canada
Frontend Lead   Feb 2019 - Present

- Developed the minting website of ChillRx - the world's first fully decentralized record label with the 2 times Grammy-nominated producer, Sidney Swift (ChillPill). The website saw ∼**30k hits in the first 15 minutes** of the NFT sale going live. The collection sold out in ∼12 hours, making ∼743 ETH (∼**1.96 million USD** at the time).

- As the lead in charge of a comprehensive tablet app overhaul for Seity Health, a platform dedicated to enhancing organizational well-being - accomplished the successful transformation of **over 100 screens** within a remarkable **5-week timeframe**.

- Led the development and maintenance of **Manzil**'s Frontend Stack **(React, Redux)** that consisted of a marketing website (investment calculators, games, portfolio calculators, blog, etc) and a web-app which was essentially a user dashboard/portal, that caters to a very specific niche of individuals helping them balance their financial needs by providing investment solutions. Manzil went on to raise ∼**2 million USD** in seed funding in May 2022.

- Frontend lead for **LeapGrad**, a professional networking platform **(React, Redux)** for students and employers across Canada, uniquely designed to transform the job market industry.

- Developed the frontend **(React, Salesforce)** for **Air Canada**'s internal portal for sales teams to receive budget allocations to ease reporting.

- Automated the matching process between a tourist and Lokafyer (tour-guide) by building a Lokafyer Dashboard **(React, Django)**, which was previously done manually using emails.

Vidyo.ai   Bangalore, India
Frontend Engineer (Contract)   Dec 2021 - Jan 2022

- Built a **React** web-app that helps creators (users) edit their videos without ever leaving the browser. Developed features like video-clipping, aspect-ratio conversion, automatic subtitling, multi-platform posting (YouTube, Instagram, Facebook, Twitter), and SEO optimization. Check it out here! Vidyo.ai went on to raise **1.1 million USD** in seed funding in July 2022.

SimpleDirect (Onic Systems)   San Francisco, US
Frontend Engineer (Contract)   Jan 2021 - Mar 2021

- Built **SimpleDirect**'s flagship app **(ReactJS)** that automates a personalised purpose-based loan application process for credit-worthy individuals across the United States, within **6 weeks**.

- After the the launch of this app, the number of loan applications reached ∼**1000 applications per week**, where each loan request averaged ∼10k USD.

- As of July 2022, the app has processed over **95 million USD** of financing.

Skills

Languages:	JavaScript, TypeScript, Python, HTML, CSS, C/C++
Libraries & Frameworks:	ReactJS, ReactNative, Redux, Cypress

Projects

Speech Search for YouTube
Built a Chrome extension for users to be able to jump to certain parts of a YouTube video by simply searching for words spoken in the video by applying NLP and Speech Processing on the video.

Video Summarizer
Built a Python application that converts any video into a short summarized video based on latent semantic analysis and NLP algorithms. **Ranked 5th** out of 70 projects at Hack in the North.

Education

University of Mumbai   Mumbai, India
Bachelor of Technology in Electronics Engineering   Aug 2016 - Jun 2020

Achievements (Link): Winner - Smart Cities Hackathon (The University of Texas at Austin), Google Gaining Traction Milestone, Winner - Hack in the North 3.0, Google India Challenge Scholarship

Independent Coursework (Link): CS50 (Harvard University), Algorithms and Data Structures (MIT), Python Programming Specialization (University of Michigan), Web Development Specialization (University of Michigan), Internet of Things - Arduino & Raspberry Pi (University of California Irvine)