

# Vansh Sood

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## EDUCATION

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### Dalhousie University

Bachelor of Computer Science; GPA: 3.86

Halifax, NS

Expected December 2025

## SKILLS SUMMARY

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- **Languages** : Java, Javascript, Typescript, C#, Python, SQL, C++, Dart, YAML
- **Tools** : React, Node, NextJS, AWS EC2, AWS S3, AWS RDS, GCP, Git, Redux, Firebase, PostgreSQL, MongoDB, Flutter

## EXPERIENCE

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- **Webcube** New Delhi, India  
*Founder and Full Stack Developer* December 2020 - Current
  - Founded software company specialized in web and mobile development that fulfils software needs of **startups** and **businesses** generating **\$30,000 revenue** in 13 months with a **19% increase** quarterly.
  - Developed a nutritionist application with a reward based health score and custom admin panel using **Next JS, MongoDB, AWS VPC, Typescript, Tailwind CSS, Figma, Digital Ocean, Cloudinary and Sendgrid**. Project Link.
  - Engineered a platform for personal Legal documents using **React JS, Redux, Node, Express, PostgreSQL, AWS EC2, Amazon RDS, AWS S3** for storing documents and PDF js for generating PDFs. Project Link.
  - Managed **15+ developers** and engineers, conducted **technical meetings with investors** and clients for complete development operations from idea to product and launch software into the real world.
- **Anatomy Guru** Bangalore, India  
*Software Developer - Part Time* September 2020 - August 2021
  - Engineered an online Teaching Management System by utilizing **React, Redux, Node, PostgreSQL and AWS RDS**.
  - Collaborated with highly skilled engineers to resolve issues and prepare code for a production environment. Project Link
  - Utilized **Next JS** to build front-end **server-side** application, and deployed it on **AWS EC2 with AWS S3** for storage.
- **Covid Leads** New Delhi, India  
*Co Founder* May 2021 - August 2021
  - Co-founded digital platform (**reach 20k+**) providing verified leads for O2 and meds in 2nd Covid Wave.
  - Built the complete platform from scratch using **React, Context API, Firebase and Google Cloud APIs**. Project Link.
  - Managed **54 active volunteers** and introduced them to multiple suppliers of resources for COVID patients in Delhi.

## PROJECTS

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- **Multiplayer Role-Playing Game** :
  - Developed a **Java based Role Playing Sci-fi Game** involving dual player fighting, Multiple characters and Attacks.
  - Used **Git, Object Oriented Programming** concepts, **Data Structures and Algorithms**. Project Link.
- **Room Problem with Q Learning Algorithm** :
  - Solved the Room Problem using **Q Learning** algorithm by training an agent with a reward based system in **C#**.
  - Implemented the Algorithm to be used with **3D models** in softwares like **Rhino 7** for real-world application. Project Link.
- **Display Changing Aesthetic World Clock** :
  - Built a World Clock Mobile Application with time of day dependant display using **Flutter, Dart, Google API Services**.
  - Designed the app prototype with **Figma** and published the code on **Github**. Project Link,

## HONORS AND AWARDS

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- **Google Code In Grand Prize Winner** : Adjudged **Winner** among **3000+ students** from over **115 countries** for completing **21 open source** projects in the duration of 7 weeks.
- **Dalhousie University Hackathon Winner** : Stood **First** in intra-university undergraduate hackathon organised by Dalhousie University.