

VANSH SOOD

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WORK EXPERIENCE

Co-Founder

April 2024 – Present

Bean - Generative AI meal planning

Sydney, Australia

- Improved customer engagement by **62%** through deploying OpenAI's Computer Vision models, optimizing image recognition features used by **600+** users.
- Achieved a **25%** increase in recommendation accuracy using collaborative filtering and RAG architecture on Amazon Bedrock, enhancing personalization for users.
- Spearheaded automation of CI/CD pipelines via Jenkins, reducing deployment time by **30%** while ensuring the scalability and reliability of AWS-based cloud systems.
- Delivered and tested the platform with **120+** users across multiple regions, ensuring high availability and scalability.

Software Development Intern

May 2023 – August 2023

Dalhousie University

Halifax, Canada

- Developed a data visualization web application for assessing cancer risk, serving **350+** patients and analyzing **1.5k+** diseases, enhancing diagnostic accuracy through intuitive UX/UI design.
- Migrated legacy systems from Java to a JavaScript Node.js environment, resulting in a **24%** performance boost, streamlining testing and debugging.
- Collaborated with PhD researchers and medical professionals to ensure clinical precision in linking patient data with complex graph structures.

Head Teaching Assistant

August 2024 – Present

Faculty of Computer Science, Dalhousie University

Halifax, Canada

- Mentored **450+** students, writing clean code and conducting system design sessions, enhancing their problem-solving skills.
- Delivered personalized feedback, improving student performance by **25%** in critical areas like algorithms and unit testing.
- Led discussions on API development and performance optimization, contributing to improving student outcomes.

Student Technology Coordinator

August 2022 – Present

ShiftKey Labs

Halifax, Canada

- Managed open-source repositories in Go, Python, and JavaScript, improving platform usage by **14%** among **750+** students.
- Led AI cohorts sponsored by Cognizant (**\$100k**), providing real-world Generative AI and Cloud to over **190** students.
- Organized **45+** workshops and hackathons focused on Generative AI, preparing **4,500+** participants for problem-solving.

Founder, Full Stack Developer

September 2021 – April 2023

Webcube Infotech

New Delhi, India

- Founded a software company to digitize small businesses, achieving **\$140k+** revenue with **19%** quarterly growth.
- Delivered **26** production apps using AWS, NextJS, SQL to startups, raising **\$100k+**, collaborating in team of **13** developers.

CERTIFICATES AND AWARDS

AWS Certified Cloud Practitioner Certification | *Accredited by Amazon Web Services.*

[Certificate](#)

Google Code-In Winner - Global 1st / 3500+ open source coders | *Google San Francisco*

[Award Letter](#)

LinkedIn Top Voice in Web Development, 2024 - Ranked in the top **1%** among contributors, **200k+** audience.

PROJECTS

University Internal Data Analytics Dashboard | *React, Next.js, TypeScript, AWS, SQL, Python*

[Deployed Link](#)

- Spearheaded data management web application for **15,000+** medical student placements across Nova Scotia.
- Designed system architecture for faculty engagement tools and boosted productivity by **25%** in the review committee.

The Good Neighbour App | *React Native, Redux, Node.js, Express.js, TypeScript, HTML, CSS*

[App Store Link](#)

- Developed a mobile application, raising **\$45k** and deploying it on Android and iOS with **500+** active users.
- Built end-to-end microservices and web data visualization dashboard, enhancing user experience and analytics.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, Go, SQL, C++ , HTML, CSS

Frameworks and Tools: React, Redux, Node.js, Next.js, Expo, Three.js, Flask, REST APIs, GitHub, Docker

Cloud and Database: Amazon Web Services, Azure, PostgreSQL, MySQL, GCP, MongoDB, Firebase

EDUCATION

Dalhousie University

Halifax, NS

Bachelor of Computer Science

January 2022 – May 2026