VANSH SOOD

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EXPERIENCE

Co-Founder — April 2024 – Present
Bean — *Sydney, Australia*
- Increased **28%** engagement by using Azure ML to streamline deployments for inventory management.
- Improved recommendation accuracy by **62%** through fine-tuning OpenAI's GPT-4 for enhanced image recognition.
- Tested on **120+** users in Australia and Canada, achieving product-market fit and improving user engagement.

Student Technology Coordinator — August 2022 – Present
ShiftKey Labs — *Halifax, NS*
- Enhanced platform usage by **14%** by managing open-source repositories promoting collaboration and innovation.
- Increased **32%** student engagement by developing resources, using React, NodeJs, MongoDB.
- Led **8** hackathons, **45+** tech workshops for **3,500+** participants, including sessions on Generative AI and LLMs.

Software Developer Co-op — May 2023 – August 2023
Dalhousie University — *Halifax, NS*
- Engineered cross-platform data visualization for **350+** patients and **1.5k+** diseases for cancer risk assessment.
- Executed migration of legacy code from Java to modern JavaScript with React, Node.js, and Docker.
- Achieved **24%** performance improvement post-migration by optimizing code efficiency and debugging workflows.

Founder, Full Stack Developer — December 2020 – September 2022
Webcube Infotech — *New Delhi, India*
- Founded a software company to digitize small businesses, driving **$30k** revenue with **19%** quarterly growth.
- Delivered **26** cloud applications using AWS, Next.js, TypeScript, Postgres SQL, enhancing quality and scalability.
- Assisted startups raise **$100k+** by leading a team of **13** in MVP development focused on innovation.

PROJECTS

Generative AI Mental Support App | *Python, Cohere NLP, React, Flask, AWS DynamoDB* — Devpost Link
- Developed Generative AI application using NLP to provide mental health support, integrated with social media.
- Demoed at University of Toronto amongst **150+** teams for the best MVP, highlighting technical excellence.

ShiftKey Labs Web Server | *Go, Gin, Postgres SQL, Git* — Github Link
- Built scalable API with authentication, enhancing security for managing users, events, attendance, and hosts.

The Good Neighbour App | *React Native, Node.js, Express.js, TypeScript, AWS* — App Store Link
- Developed a mobile application, raising **$45k** and deploying it on Android and iOS with **500+** active users.
- Built backend microservices and B2B data visualization dashboard, enhancing user experience and analytics.

CERTIFICATES AND AWARDS

LinkedIn Top Voice in Web Applications, 2024 - Ranked in the top **1%** among contributors, **190k+** audience.
AWS Certified Cloud Practitioner Certification | *Accredited by Amazon Web Services.* — Certificate
Supervised Machine Learning: Regression and Classification | *Stanford University* — Certificate
Generative AI with Large Language Models Certification | *Accredited by DeepLearning.ai* — Certificate
Google Code-In Winner - Global (1st / 3500+) developers | *Google San Francisco* — Award Letter
10x Hackathon Winner | *IIITD, University of Toronto, Dalhousie University*

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, Go, SQL, Git, C++, C#, HTML, CSS
Frameworks: React, Node.js, Next.js, Docker, GSAP, Expo, Three.js, Flask, Django, REST APIs, Nginx
Developer Tools and Cloud: GitHub, Microsoft Azure, Amazon Web Services, Postgres, MySQL, Visual Studio
Interpersonal Skills: Growth Mindset, Problem Solving, Agile, Data Driven, Communication and Team Collaboration

EDUCATION

Dalhousie University — Halifax, NS
Bachelor of Computer Science — *January 2022 – May 2026*
- Head Teaching Assistant - Web Development, Server Side Scripting, Data Structures and Algorithms
- Spearheaded Data Analysis Software for **15,000+** medical student placements across Nova Scotia