Vishwas Puri
Aspiring Software Entrepreneur

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TECHNICAL SKILLS

- Python
- Java
- HTML
- CSS
- JavaScript
- TypeScript
- React
- Angular
- Github
- Figma
- Bootstrap
- TensorFlow and PyTorch
- Classes and OOP
- User Interface/Experience
- Firebase and SQL
- MS Suite and Google Suite
- Development and Integration of REST APIs

WORK EXPERIENCE

Royal Bank of Canada (RBC)
Innovation Developer
07/2023 - 08/2023   *Toronto, Canada*

- Worked with an RBC digital team of 20 full-time RBC developers and designers to improve RBC's design interface guidelines
- Developed interactive and responsive web components to expand the RBC User Interface Library
- Implemented solutions with Angular and React (loader, pagination and filtration components), ensuring quality standards through testing protocols
- Enhanced the usability and accessibility of the frontend apps used daily by RBC customers and developers

Innovation Developer
07/2022 - 08/2022   *Toronto, Canada*

- Collaborated with a team of 21 professionals from 1200+ applicants to develop a portal for RBC employees to access and contribute to inner source projects
- Designed an accessible user interface with dark mode following RBC's design guidelines
- Built a flexible and user-friendly website using Angular
- Presented all projects during agile sprints to Senior RBC Management, winning the "Best Pitch Themes" award

Brampton Focus
Tech Lead
06/2023 - 08/2023   *Remote*

- Led a team of professionals to implement digital signages for Brampton Focus across different locations
- Conducted research on compatible digital signage software and hardware for effective deployment
- Designed and configured a content management system to optimize media distribution
- Set up digital signages in 3 locations with an efficient broadcast system and project-specific branding

LANGUAGES

English	French	Hindi	Punjabi	Urdu
Professional	*Limited*	*Professional*	*Professional*	*Professional*

TECHNICAL PROJECTS

FridgeGuru
09/2023   *Hack The North Hackathon ML/AI Project*
A tool transforming fridge contents into personalized recipe suggestions, solving the age-old "what to eat" dilemma.

- Created with YOLOv8 custom datasets for object detection and EleutherAI GPT-Neo for text generation

Waste Security
12/2022   *Hack Peel Hackathon ML/AI Project*
Transformed old household devices into modern security systems using Python and Flutter, with privacy and efficiency.

- Used OpenCV models for motion detection and integrated TCP sockets for network configuration

VIP EXCLUSIVE CONTENT
09/2022 - 10/2022   *Personal Project*
An initiative to create a reliable web application where users can share their files and create redirect links securely.

- Implemented Firebase database for seamless data synchronization using Python, Streamlit, and FastAPI.
- Ensured data security with integrated encryption methods, incorporated deep learning model-based summarizing libraries and developed a custom REST API for seamless integration with other projects

People Against Littering (P.A.L.)
05/2022 - 08/2022   *Brampton Focus Work Project*
A "litter tracker app" that counts the litter pieces you pick up to generate analytical reports about litter collection.

- Utilized Node.js, real-time database, and live location tracking to create a web application for individuals to compete and collect analytics to measure event success

Treetrackers
09/2021 - 04-2022   *ACER Work Project*
A tree-tracking application enabling individuals, communities, and municipalities to classify and track tree growth over time.

- Created a Node.js application with a real-time database to implement tree-tracking methodologies and generate detailed tree reports to support government initiatives

EDUCATION

B.A.Sc in Computer Engineering + PEY (Co-op)
The University of Toronto
09/2023 - Present   *Toronto, Canada*

- Elected as the First Year Chair at the Engineering Society representing all the 1200+ first-year engineering students at the University of Toronto
- Mentored teams at NewHacks (a university-level hackathon) and provided teams with guidance during ideation, prototype development, and technical software challenges