

# Devansh Jain

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## Education

### Wilfrid Laurier University

Bachelor of Science in Computer Science

Expected Graduation Date: April 2027

Waterloo, Ontario

- Relevant Courses: Object Oriented Programming, Data Structures and Algorithms, Databases I, Software Engineering

## Technical Skills

**Languages:** Python, Java, C++, HTML/CSS, JavaScript, TypeScript, SQL, MATLAB, Bash, Kotlin

**Developer Tools:** VS Code, IntelliJ, Jupyter Notebook, Git, GitHub, Docker, AWS, Azure, Kubernetes, Claude, Copilot, Cursor, Figma, SOLIDWORKS, AutoCAD, Prophet, Plotly, Postman, Streamlit.

**Technologies/Frameworks:** React, React Native, Node.js, Express.js, Nest.js, Firebase, Flask, PostgreSQL, MongoDB, PyTorch, Tailwind CSS, Numpy, Pandas, Vercel

## Experience

### Riipen Networks and Corporations - OneDrug

January 2024 – April 2024

Software Engineering Intern

Toronto, Ontario

- Built reusable frontend components with **React**, **TailwindCSS**, and **Figma** for a scalable lead-gen platform.
- Implemented real-time filtering for **1,200+** providers using **React** state and optimized rendering.
- Increased conversions by **25%** and session time by **30%** via responsive UI and **TypeScript** routing.
- Saved **30+ hrs/month** by automating SQL sync and contact fields with **Node.js** and **Express.js**.
- Deployed and maintained the web app using **Firebase** Hosting, allowing for fast, secure, and continuous delivery.
- Engineered **Node.js** routes for provider listings, user data capture, and form handling with **Express.js**.
- Tested backend endpoints with **Postman**, identifying and resolving bugs to improve system stability.

### Accumine Technologies

September 2022 – December 2022

Software Engineering Intern

London, Ontario

- Containerized **20%** of company projects into distinct online integrated environments using **Docker** and deployed isolated services for internal testing using **Kubernetes**, reducing system configuration issues by **60%**.
- Launched a workflow dashboard with **React**, and **TailwindCSS**, improving efficiency for **10+** team members.
- Created **6+** detailed 2D/3D layouts of sensor and equipment configurations in **AutoCAD**, supporting physical-to-digital mapping for digital twin systems across **3 manufacturing facilities** to allow real-time monitoring.
- Used **MATLAB** to simulate and optimize mechanical systems in digital twin models.

### Bridges to University

May 2022 – August 2022

Software Engineering Intern

Toronto, Ontario

- Optimized the website frontend with **React** and **Tailwind CSS** improving performance for **500+** monthly users.
- Integrated a blog system with reusable UI components and markdown support, displaying **30+** team-written articles.
- Contributed to building a staff login system using **Firebase Auth**, enabling secure access for **15+** internal users.

## Projects

### WluNest | React, Tailwind CSS, Node.js, Express.js, mySQL, Vercel

January 2025

- Built backend API routes with **Node.js**, **Express.js**, and **MySQL** to support **100+** listings and roommate profiles.
- Developed listing and roommate pages with **React** and **Tailwind CSS**, used by **40+** users during internal testing.
- Contributed **150+ commits** with code reviews and CI workflows across backend and frontend modules.
- Integrated image upload and contact forms to streamline user-generated content and housing visibility.

### Fake News Classifier | Python, NLTK, Tweepy, PRAW, Scikit-learn

September 2024

- Created a fake news model using news, Twitter, and Reddit data with **92%** accuracy using the respective APIs.
- Processed **7,000+** posts and vectorized **50,000+** texts using **NLTK**, **Tweepy**, and **PRAW**.
- Trained a **logistic regression model** in **scikit-learn**, reducing false positives by **18%** over a news-only baseline.
- Improved model validation speed by **40%** by benchmarking accuracy across **3 social media sources**.

### Stock Prediction App | Python, Streamlit, Prophet, Yahoo Finance API, Plotly

April 2024

- Built a **time series forecasting model** in **Prophet** to predict stock performance with custom tuning.
- Preprocessed financial data using **Pandas** and **Numpy**, for cleaner, scaled inputs.
- Achieved **90%** alignment with historical trends through model refinement and tuning.
- Developed an interactive UI in **Streamlit** for live forecasting and data visualization using **Plotly**.