

VANSH WAHI

SOFTWARE ENGINEER INTERN

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Summary of Qualification

- Strong background in deploying **Microservices, Backend Architecture and Database Management**
- Proficient in **Agile** project methodologies, sprint ceremonies including planning to ensure alignment with project goals.
- Effective communicator with a track record of successfully managing **Stakeholder relationships and translating** technical details into actionable insights for diverse cross-functional teams.
- **Technical Skills:** Java, Kotlin, C/C++, Python, TypeScript, JavaScript, HTML5, CSS3, SQL
- **Frameworks:** React, Nodejs, Bootstrap, MongoDB, SpringBoot, Jira, Git, Material UI

Work Experience

PointClickCare

Sept 2024 – Present

Software Engineer Co-op

Waterloo

- Developed and maintained core backend services handling over 100,000 patient records, enhancing API efficiency through refactoring Kotlin and optimizing query response times across major Canadian healthcare providers
- Spearheaded the migration from legacy systems to a modern low-latency architecture, collaborating with a cross-functional team of 12 engineers, reducing data retrieval latency by 40%, and implementing robust cybersecurity protocols to ensure HIPAA compliance.
- Led the front-end development of 10+ secure user interfaces using React and TypeScript, facilitating the management of sensitive medical data and achieving a 30% increase in user satisfaction by improving page load times and UI/UX

Dawson Partners, Private Equity

Jan - April 2024

Software Engineer Co-op

Toronto

- Collaborated with cross-functional teams of engineers and designers to drive the development and release of 5+ financial products, ensuring on-time delivery and aligning with business objectives.
- Conducted extensive data analysis using SQL and Google Cloud technologies to generate actionable insights, informing product decisions and improvements in real-time financial modeling.
- Led front-end development of a Chatbot product using React, Nodejs and TypeScript, integrating cloud solutions to boost user interaction and system functionality.

EON Media Corporation

May – Sept 2023

Full-Stack Developer Co-op

Toronto

- Drove the delivery of AI-enhanced features aimed at improving object, face, and logo detection, overseeing the design of user stories, project plans, and rigorous testing phases.
- Employed quantitative and qualitative methods to evaluate user feedback and market trends, leading to the prioritization and development of product features that significantly enhanced user satisfaction and performance metrics.

Awards and Achievements

UW Blockchain and Game Design - Director of Events and Project Manager for student initiatives and projects

Hackathons - Best project at Uoft and UOttawa Hack, won various product design and use of open-source LLM awards

Product Management - Winner amongst 150+ finalists in 180 Degrees Management Case Consulting Competition

Projects

Prepresent | *Python, TypeScript, TensorFlow, Flask, PySpark, OpenCV*

- Built a machine-learning model to improve verbal and non-verbal communication with live data analytics using **TensorFlow** for emotion detection and OpenCV for the live video capture functionality
- Built regression models to analyze and visualize communication patterns, enabling users to make actionable improvements based on data-driven insights.

DeSales | *Next.js, React, JavaScript, Rust, Smart Contracts, NEAR protocol, MongoDB, Neurelo*

- Developed a B2B self-checkout platform enabling live item scanning and secure blockchain transactions via NEAR Protocol, promoting transparency and security in retail experiences.
- Incorporated healthy lifestyle incentives by integrating discounts on nutritious groceries and exclusive NFTs as blockchain rewards for customers.
- Finalist at HawHacks, successfully built a scalable and customizable product for large-scale retail businesses with live item scanning and blockchain-powered transactions.

Education

University of Waterloo

September 2022 - Present

Candidate for the Bachelors of Computer Science with AI Specialization, Honours Program

Waterloo, Ontario