Brayden Thompson

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EDUCATION

Western University, London, Ontario, Canada
Software Engineering, Bachelor of Engineering Science (GPA 3.9/4.0)   September 2020 - May 2024
- Nortel Networks Scholarships of Distinction in Engineering Science
- Western Scholarship of Distinction & Dean's Honour List

WORK EXPERIENCE

Manulife, Toronto, Ontario, Canada   June 2024 - Present
Full Stack Software Engineer
- Directed collaborative efforts among **internal and external stakeholders** to provide critical technical insights, streamlining **vendor SDK integration** and expediting time-to-market to meet key business deadlines.
- Architected and implemented a full-stack solution using **React.js** and **Node.js**, enabling the integration of multiple vendor SDKs, delivering personalized web services to **1.9M Manulife** clients.
- Architected and developed a high-availability, eventually consistent **RESTful API** for group benefits core backend using **Java, Spring, and MongoDB**, enabling **99.99%** system uptime and ensuring seamless data integrity across distributed systems.
- Proactively built a full-stack web app leveraging the **xMatters AP**I to provide a centralized view of on-call schedules for **all company tech teams**, improving accessibility and communication.

Canadian Tire Financial Services, Oakville, Ontario, Canada (Remote)   Summer 2022, 2023
Back End Engineer
- Developed **REST API** endpoints with **Java** to seamlessly integrate **280 Canadian Tire Gas+** stations with **1500+ Petro-Canada Stations**, used by **15 M+** customers nationwide.
- Designed and deployed customized testing simulators using **Javascript** and **JSP** for various banners (Sport Chek, Canadian Tire, Marks, etc.) to streamline dev/pre-prod testing processes resulting in a **60% reduction in bug reports**.
- Collaborated with product teams to implement **card verification logic** for Triangle Select subscription renewals, resulting in a **70% decrease in failed payment transactions**.

IBM, Toronto, Ontario, Canada (Remote)   Fall 2023
Consultant
- Collaborated in a team of five, mentored by two IBM consultants, to assess client challenges, develop strategic insights, and propose a data-driven solution for a nonprofit partner.
- Crafted a comprehensive sales and marketing strategy to enhance product visibility and drive revenue growth for the client.
- Selected as 1 of 50 students across the province for IBM Consulting's Fall 2023 Pro-Bono Initiative.

EXTRA-CURRICULAR ACTIVITIES

Western Developers Society, *Vice President of Product & Strategy*   2022 - 2024
- Introduced Agile methodologies across six teams, leading development cycles for multiple projects, overseeing sprint planning, backlog prioritization, and stakeholder communication to ensure timely and high-quality product delivery.
- Spearheaded recruitment and onboarding initiatives, optimizing the hiring process to scale project teams efficiently, resulting in 30+ developers onboarded within two weeks.
- Collaborated with club executives to define a long-term strategic roadmap, structuring project cycles, refining team roles, and organizing events to enhance engagement and club growth.

Kids Being Kids, *Vice President of Partnerships*   2022 - 2024
- Developed and executed a strategic partnership roadmap, securing collaborations that contributed to over $100,000 worth of donated sports equipment in the first year.
- Led cross-functional initiatives to expand outreach efforts, optimizing marketing and donation strategies to increase community engagement and impact.
- Negotiated and managed stakeholder relationships, facilitating successful hockey equipment drives that resulted in 50+ pieces of gear collected from donors.

PROJECTS

NFL Betting Aid Application
- Developed an NFL betting algorithm with 56.6% accuracy in predicting game spreads and built a full-stack web application (React, Node.js, Express.js, MySQL) to deliver real-time analytics, predictive insights, and player/team comparisons to users.

SKILLS

Java, Javascript, MySQL, React, Node.js, Python, Git, HTML, CSS, Linux, Selenium, Postman, Jenkins, Azure, Kubernetes, Spring