OLIVIE BERGERON

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SUMMARY

Bilingual Full-Stack Developer with 1+ years of experience in JavaScript, React, and Node.js. Proficient in collecting and documenting user requirements, system integration, and delivering scalable solutions in Agile environments. Strong in collaboration, problem-solving, software maintenance, and troubleshooting, with a passion for evaluating user feedback to create impactful digital products and ensure performance and reliability of system designs.

EDUCATION

Cloud Computing Post-Grade Diploma   2025 - 2026

Algonquin College, Ottawa, Ontario
- Relevant coursework: Cloud Migration,Cloud Integration, Azure, AWS, Cloud Containerization

Computer Programming Diploma   2022 - 2024

Algonquin College, Ottawa, Ontario
- Graduated with honors: 3.64/4
- Relevant coursework: scripting, data analytics, networking, databases, object-oriented programming, enterprise programming, app and web development.

PROGRAM-RELATED SKILLS

Languages: JavaScript | Java| TypeScript | Python | SQL | CSS | HTML | PHP | C# | Bash

Software: VsCode | Android Studio | Postman | VMWare | UTM | GIT

Framework/Lib: React.js | Next.js | React Native | Node.js | Express.js | Electron.js | Vue.js | Zod | Formik | Yup |

Database: MySQL | MsSQL | OracleDB | MongoDB | PostgreSQL | Neo4j

Operating Systems: Windows | Linux (Arch and Ubuntu) | MacOs | Docker

Platforms/API: Azure | AWS | Appwrite | Plaid | Dwolla | Stripe API | NextAuth.js | Sentry

SOFT SKILLS

- **Agile Methodology:** Engaged in daily Agile stand-up meetings and weekly project status updates, fostering effective communication and team alignment, which improved project delivery speed and reduced bottlenecks.
- **Code Review and Collaboration:** Managed code and development branches on GitHub, collaborating closely with senior engineers through rigorous code reviews to ensure code quality and consistency.
- **Project Documentation and Tracking:** Utilized Jira and Confluence to manage live documents and maintain up-to-date project status, enhancing team productivity and transparency in project tracking.

WORK EXPERIENCE

Full-Stack Jr. Developer (COOP) - Nortac Defence (SaaS), Ottawa, Ontario   Sept 2023 – April 2024

Geofence Colouring:
- Collected user requirements and designed a customizable geofencing feature, allowing users to select up to 10 colours per category and add labels, enhancing user flexibility.
- Developed and presented a detailed proposal for the customizable geofencing feature, leading to immediate project approval and alignment with user needs and business goals.
- Leveraged JavaScript technologies (React.js, Node.js, Sequelize, Express.js) to deliver a robust solution.
- Successfully deployed the project on time, ensuring seamless system integration into the production server for immediate customer use and providing ongoing support.
- Collaborated closely with Quality Assurance to conduct tests, perform security and quality controls, establishing rigorous testing protocols and documenting results to ensure a high-quality and stable release.

Multi-chat windows:
- Evaluated user feedback and led a research initiative to assess the feasibility of expanding chat capabilities, analyzing the current design for multi-chat functionality.
- Optimized and upgraded the platform's existing architecture to support multiple live chat windows, increasing simultaneous chats from 1 to 3 with minimal core system changes.
- Implemented JavaScript socket handling (networking software) and React.js modifications for smooth real-time communication, enhancing user engagement.
- Project poised for imminent release following comprehensive quality assurance testing, with plans prepared for ongoing software maintenance.

Legal / About page for Android NTAC:
- o Developed a Legal and About page UI component for the Android NTAC app to ensure compliance with open-source library usage requirements.
- o Utilized React Native for efficient build and system integration into the existing Android app.
- o Collaborated with legal and Quality Assurance to validate compliance against legal standards, conducting tests and successfully passing all QA assessments.

Added a new Device Type listing:
- o Responded promptly to customer requirements by introducing a new device registration option, demonstrating proactive commitment. Consulted with clients to provide ongoing support post-implementation.
- o Leveraged React.js, Node.js, and MySQL to expedite project objectives.
- o Product passed QA and is currently deployed for customer use.

NTAC Windows Project:
- o Contributed to the development of a new Windows Tablet application, including upgrade and maintenance tasks.
- o Executed implementation of registration, login, and legal information forms, and their corresponding workflow and data management systems.
- o Employed React.js, Electron.js, and Node.js with an Electron Storage Database for robust data management.
- o Orchestrated data access flow with Redux, enhancing efficiency and evaluating the performance and reliability of the design.
- o Accelerated development, positioning the application for swift progress.

PERSONAL/ACADEMIC PROJECTS

Maple Politics– Personal Project   March 2025 – Present
- Developed a Canadian political platform with real-time news aggregation, candidate profiles, and interactive polling data visualization.
- Built a responsive UI with dark mode, custom animations, integrating RSS feeds.
- Created an admin dashboard with Zod for robust form validation.

Technologies: TypeScript, Shadcn, Tailwind CSS, React.js, Next.js, Vercel, Recharts, Drizzle ORM, Zod

Track Your Sub– Personal Project   Feb 2025 – Feb 2025
- Developed a macro calculator using Subway's nutritional information.
- Built with Next.js, React.js, TypeScript for type safety, and Shadcn for responsive design.

Technologies: TypeScript, Shadcn, Tailwind CSS, React.js, Next.js, Vercel

Portfolio Website Template – Personal Project   Aug 2024 – Feb 2025
- Developed a personal portfolio website to showcase skills, projects, and experience.
- Built with Next.js, React.js, TypeScript, Shadcn, and Tailwind CSS, emphasizing performance and accessibility.
- Structured for easy modification and update.

Technologies: TypeScript, Shadcn, Tailwind CSS, React.js, Next.js, Vercel

Zoho Customer Portal Prototype – Academic Project   July 2024 – Aug 2024
- Transitioned from Zoho Creator to a MERN stack solution, enhancing flexibility and scalability.
- Led backend Node.js development for a customer portal, addressing client needs for streamlined project management.
- Integrated the backend with the ZOHO API for automated data synchronization with MongoDB, showcasing system integration capabilities and reducing manual data management.
- Delivered a functional prototype showcasing key features, providing a proof of concept.

Technologies: JavaScript, Node.js, Express.js, Mongoose, Nodemon, ZOHO API Console, Postman

REFERENCES UPON REQUEST