

# KYLE POWELL

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## Summary

*Aspiring full-stack developer with hands-on experience in JavaScript, Java, and cloud platforms like AWS. Built and deployed full-stack applications, contributed to co-op projects in Agile teams, and automated data workflows using Node.js. Passionate about writing clean, maintainable code and solving real-world problems through software.*

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## Technical Skills

**Languages:** JavaScript, TypeScript, Java, C#, Python, SQL

**Frameworks/Libraries:** React, Node.js, Express, .NET, Spring Boot, Next.js, Tailwind, Bootstrap

**Cloud & DevOps:** AWS (EC2, S3, IAM), GitHub, CI/CD, Agile

**Tools & Design:** Figma, Postman, Microsoft Office

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## Projects

### Chatty App

**Link:** [chattyapp.ca](http://chattyapp.ca)

MERN stack chat application with real-time messaging powered by **Socket.IO**.

- Supports **user authentication** with login and registration.
- Enables **public and private chat rooms** as well as **1-on-1 direct messaging** between friends.
- All messages are **persisted in a MongoDB database**, ensuring conversations are saved and accessible across devices.
- Real-time events handled through **WebSockets** for seamless chat updates without refreshing.

### Data Parser Tool – Co-op Project

Node.js utility to automate parsing and cleansing of client contract data for internal use.

- Significantly reduced manual data entry time by automating format conversion and error-checking.
- Exported structured data into a database-ready format, improving consistency and efficiency.

### Company Website Development

Designed and deployed responsive business website using HTML5, CSS, JavaScript.

- Deployed live site using Vercel with Git-based CI/CD.

## **Experience**

### **Software Developer Co-op — IMA Ltd**

*April 2023 – August 2023*

- *Developed scripts to parse and cleanse client data using Node.js.*
- *Assisted with customer issue resolution and internal tooling.*
- *Participated in Agile sprints and contributed code via GitHub.*

### **Web Designer/Developer — Red Ray Construction**

*May 2022 – August 2022*

- *Designed and deployed responsive business website.*
- *Integrated front-end components and ensured cross-device compatibility.*

### **Various Roles – Manager, Cook, Janitor**

*2015 – 2021*

*Demonstrated reliability, team leadership, and accountability in fast-paced service roles. Gained experience in scheduling, conflict resolution, and multitasking — skills transferable to collaborative software teams.*

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## **Education**

### **Diploma in Computer Programming**

*Lambton College, Sarnia On*

*September 2021 – August 2023*

- *Relevant coursework: Java, JavaScript, HTML, CSS, SQL, Python, C#, Node.js, MongoDB*
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## **Additional Certifications**

### **Intuit Bookkeeping Certificate — Coursera**

*February 2024 – March 2024*