

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.

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

Projects

Chatty App

Link: 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.

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