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 a responsive business website using HTML5, CSS, JavaScript.
• Deployed live site using Apache 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.
• Adapted software to continuously learn new attributes and keywords.
• 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 a responsive business website.
• Set up business email domain for company
• 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, monthly budgeting, 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