Christopher Dean Walls

Contact Information

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Technical Skills

Java ▪ Spring Boot ▪ Maven ▪ JUnit ▪ REST API ▪ JSON ▪ JavaScript ▪ HTML ▪ CSS ▪ SQL ▪ Docker ▪ Git ▪ Nginx ▪ Linux ▪ Postman

Professional Summary

- Full-Stack Developer experienced in Java and Spring Boot, passionate about creating projects that enhance everyday computing and lifestyle routines.
- Proficient in coding, debugging, deploying, and managing full-stack web applications.
- Enjoys turning ideas into reality through innovative personal projects and problem-solving.

Personal Projects

HideMy.pics - Live demo

- Java, Spring Boot, JavaScript, HTML, Thymeleaf, CSS, Alpine Linux, Nginx.
- Image steganography tool using Docker. Conceal and reveal images with password protection. Share via email or self-destructing links.

CRUD Demo - Live demo

- Java, Spring Boot, jQuery, H2.
- Demonstrates CRUD operations (Create, Read, Update, Delete) via a RESTful API on entries in an H2 database with a dynamic front-end using AJAX interactions.

Bachelor Strength [BS] - Repository

- Java, Spring Boot, React.js.
- Fitness Calculator: Calculates BMI, TDEE, and calorie intake, and displays a weekly workout routine.

Webhook Portfolio - Repository

- Java, Spring Boot.
- Spring Boot controller to receive GitHub webhook requests. Automates CI/CD by pulling changes from GitHub to home server.

Lenovo M93p Home Server Setup

- Alpine Linux, Apache2 Web Server, SSL.
- Configured Nginx web server, SSL certificates, Fail2Ban, and file server, as well as portfolio and project deployments.

Experience

[06/2024 - 12/2024] Software Engineer Intern - Air Liquide; DE

- Built a Lab Sample Analysis Tool using Java and Spring Boot, integrating MySQL with JPA/Hibernate and a Thymeleaf-based frontend. Streamlined workflows with QR code sample scheduling and status updates, enhancing operational efficiency. Utilized RestTemplate for HTTP client API calls, JSON parsing with Jackson, and CSV file handling

[01/2024 - Present] Security Officer - Sunstates Security; DE

- Maintain security and safety of personnel and property through constant surveillance and proactive measures.

[02/2023 - 05/2023] Student Software Developer - Zip Code Wilmington; DE

- 1000+ hours in Java, test-driven development, full-stack development, and AGILE methodologies.

Education

Year	Institution/Organization	Program/Course
2024	Curriculeon	Intermediate Full Stack Web Development
2023	Zip Code Wilmington (Coding Boot Camp)	Software Development
2014	Delaware Technical and Community College	Nursing