



David Wagner

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Summary

Senior Full-Stack Software Engineer with over 8 years of experience specializing in building, deploying, and scaling robust, user-centric applications. Proven track record in full-stack feature ownership, translating complex business logic into simple, maintainable software. Deeply skilled in modern web technologies, including **React, TypeScript, Node.js, Next.js, and Microservices Architecture**. Eager to leverage system design expertise and strong mentorship skills to drive progress and impact in a mission-driven, high-growth environment.

Experience

JPMorgan Chase

Columbus, Ohio

Vice President - Lead Software Engineer

May 2020 - Present

- **Architectural & Full-Stack Leadership:** Designed and spearheaded the implementation of a scalable microservices architecture using **Java, Spring Boot, and Kafka** to modernize legacy systems.
- **Strategic Project Delivery:** Successfully delivered **7 major, complex projects** within budget and on schedule, consistently exceeding KPIs for system stability and high availability.
- **AI-Augmented Development & Innovation:** Pioneered the adoption of **Large Language Models (LLMs)** and generative AI tools across the development lifecycle, establishing advanced prompting frameworks that significantly accelerated team velocity.
- **Frontend Impact:** Developed key features for a high-traffic **React** application that streamlined dispute submission processes, resulting in a **75% reduction** in back-office research touches.
- **Engineering Mentorship:** Provided technical guidance and mentorship to a high-performing team of **8 developers**, raising code quality standards through rigorous reviews and the creation of reusable abstractions.
- **DevOps & CI/CD Excellence:** Spearheaded the modernization of deployment practices using **Jenkins**, reducing deployment times by **30%** through fully automated functional and performance testing.
- **System Design & Maintenance:** Actively promoted best practices in software architecture and maintainability, ensuring the long-term health and performance of critical customer service platforms.

Accenture

Columbus, Ohio

Software Engineer

July 2014 - May 2020

- **Full-Stack Feature Ownership:** Architected and delivered robust full-stack solutions for enterprise backend business functions using **Java, Spring Boot, REST APIs, MQ, and Kafka**.
- **Performance Engineering:** Conducted comprehensive performance testing using **JMeter and Blazemeter**, identifying bottlenecks and implementing optimizations that improved system performance by **25%**.
- **Test Automation Leadership:** Designed and implemented automated test suites using **Cucumber and Java**, which increased testing efficiency by **50%** and significantly reduced manual QA cycles.
- **Database & Messaging Integration:** Integrated complex data models with **SQL/Oracle and Cassandra** databases and leveraged **Kafka/MQ** for reliable asynchronous message processing.
- **Cross-Functional Collaboration:** Partnered closely with global development and QA teams in an **Agile/Scrum** environment to resolve critical defects, consistently ensuring the on-time delivery of high-quality enterprise software.
- **DevOps Integration:** Contributed to the stability of deployment pipelines by maintaining CI/CD configurations, ensuring seamless transitions from development to production environments.

Skills

🔗 Core Engineering & Architecture

Rust, SQL, JavaScript, Java, TypeScript, Spring Boot, Spring Cloud, Microservices Architecture, RESTful APIs, React, Next.js, Svelte, Redux, HTML5, CSS, HTML, Apache Kafka, Message Queues (MQ), OAuth2, OIDC, React Native

🔗 AI & Innovation

Prompt Engineering, LLM-Augmented Development, AI-Assisted Workflows, Workflow Automation, Developer Productivity Optimization

🔗 Data & Infrastructure

PostgreSQL, Oracle, Cassandra, AWS, Cloud Foundry, Jenkins, CI/CD, Docker, Maven, Gradle

🔗 Quality & Performance

JUnit, Cucumber, Automated Testing, JMeter, Blazemeter, Root Cause Analysis

🔗 Leadership & Methodology

Technical Mentorship, Strategic Project Delivery, Code Quality Standards, Software Architecture, System Design, Product Development Lifecycle, Agile, Scrum, Stakeholder Management, Cross-Functional Collaboration

Projects

Wyrd Wyrn

Developed a book recommendation engine for the Open Source BookWyrn platform using **React and Svelte**; integrated third-party APIs to process user reading lists and generate personalized "what to read next" suggestions.

<https://codeberg.org/way2/wyrd-wyrn>

TUIT

Built a lightweight, keyboard-centric terminal user interface (TUI) manager using **Rust and Ratatui**, featuring dynamic filtering, real-time details view, and automated deadline desktop notifications.

<https://codeberg.org/way2/tuit>

Mindful Reminder

Designed and launched a cross-platform mindfulness application using **React Native and TypeScript** to deliver gentle, scheduled reflection prompts throughout the day.

<https://github.com/way-2/mindful-reminder>

Up-Next

Created a TV series tracking application in **React Native** that integrates with the **TMDB API** to pull metadata and help users manage their viewing progress across multiple seasons.

<https://github.com/way-2/up-next>

Countdown Widget

Developed an Android home screen widget in **Java** that allows users to track critical deadlines and events via a persistent, real-time countdown display.

<https://github.com/way-2/countdown-widget>

Education

Franklin University

Information Technology

Bachelor's of Information Technology • 3.8 GPA

Columbus, Ohio • April 2014