

CARL-PHILIPP HARMANT

Lead Software Engineer

SYNOPSIS

Enthusiastic and curious Software Engineer dedicated to building thoughtful, high-quality software. My main toolkit includes Java, Kotlin, and modern architectural patterns that enable clean, maintainable codebases. I'm driven by problem-solving, learning, and contributing to the developer community – whether through my open-source projects on GitHub or sharing knowledge via technical writing, including my article on Clean Architecture. I love exploring new technologies and continuously improving both my craft and the systems I help build.

EXPERIENCE

The Walt Disney Company

Senior Software Engineer

- Led design and development of scalable, microservices-based backend systems and APIs (REST, GraphQL, and gRPC) powering Disney+, Hulu, and ESPN streaming platforms.
- Delivered end-to-end solutions from architecture and design through deployment and production, ensuring reliability under high-concurrency traffic (8K+ RPS).
- Drove system performance tuning, observability improvements, and CI/CD pipeline optimizations, cutting build and deployment times by 50%.
- Partnered with architects, DevOps, and security teams to strengthen cloud infrastructure, automation, and compliance best practices.
- Provided technical leadership and mentorship, influencing architecture, code quality, and cross-team engineering practices.

Slalom

Senior Software Engineer

- Designed and developed scalable backend systems and APIs for enterprise clients using Java and Spring Boot.
- Collaborated with architects, solution owners, and cross-functional teams to deliver maintainable, production-grade solutions.
- Championed code quality and testing practices (unit, integration, and end-to-end), improving reliability and maintainability.
- Contributed to cloud-based architectures and CI/CD pipelines, supporting continuous delivery and high availability.
- Mentored junior engineers and promoted engineering best practices across agile teams.

Peapod

Senior Software Engineer

Software Engineer

- Designed and built secure, RESTful integration services using Spring MVC, Apache Camel, Karaf, and ActiveMQ, enabling seamless communication between loyalty, coupon, and user account systems.
- Championed TDD and automated testing (Serenity BDD) to improve reliability, maintainability, and long-term architecture quality across the platform.

Previous Roles

• Pros - Implementation Consultant

Integrated and customized PROS CPQ solutions within enterprise systems using Java EE, web services, and custom plugins, contributing to full-stack delivery across on-premise and cloud environments.

• Fujitsu Technology Solution - Java Developer

Engineered a custom Maven plugin to automate Arquillian test generation and dependency resolution via Java Reflection, significantly improving the company's integration testing process and developer efficiency.

CONTACT

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SKILLS

Backend Architecture
Distributed Systems
Cloud Microservices
CI/CD Agile
Observability

Java Spring Boot
GraphQL gRPC REST
Datadog Docker K8s
Jenkins Spinnaker
AWS

EDUCATION

M.S. in Computer Science

Exia.Cesi, France

July 2013

B.S. in Computer Science

Exia.Cesi, France

Jan 2011

INTERESTS

Runner

Father