

# 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

📍 Chicago, IL (Remote)

Senior Software Engineer

📅 June 2022 – Present

- 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

📍 Chicago, IL

Senior Software Engineer

📅 July 2017 – June 2022

- 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

📍 Chicago, IL

Senior Software Engineer

📅 Jan 2017 – July 2017

Software Engineer

📅 Sept 2015 – Jan 2017

- 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** 📅 Feb 2012 – Sept 2015 📍 Chicago, IL  
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** 📅 Apr. 2011 - Aug. 2011 📍 Luxembourg  
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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📍 Chicago, Illinois

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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

📅 2013

B.S. in Computer Science

Exia.Cesi, France

📅 2011

## INTERESTS

Runner

Father