CARL-PHILIPP HARMANT

Lead Software Engineer

SYNOPSIS

Enthusiastic and curious Software Engineer passionate about building thoughtful, high-quality software. I specialize in applying modern architectural patterns to create clean, maintainable codebases. Driven by complex problem-solving and continuous learning, I actively contribute to the developer community through open-source projects and enjoy exploring new technologies to improve both my craft and the systems I help build.

EXPERIENCE

The Walt Disney Company
Senior Software Engineer ⬤ Chicago, IL (Remote) 📅 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
Senior Software Engineer ⬤ Chicago, IL 📅 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
Senior Software Engineer ⬤ Chicago, IL 📅 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

in linkedin.com/in/carlphilipp

⌗ github.com/carlphilipp

SKILLS

Backend Architecture
Distributed Systems
Cloud Microservices
CI/CD Agile
Observability

Java Spring Boot
Reactor 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

HOBBIES

</> Open source

✈ Traveling

🏃 Running