

# Jimmie Högklint – Curriculum Vitae

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<b>Locations</b>	Hybrid: Gothenburg, Sweden Remote: EMEA	<b>Phone</b>	+46 706 44 31 39
<b>Date of Birth</b>	24 <sup>th</sup> September 1987	<b>Email</b>	jimmie@cliffcon.se
<b>Nationality</b>	Swedish	<b>Homepage</b>	jimmiehogklint.se

## Personal Profile

12+ years (3+ years remote) experience working with software development in the field of safety-critical distributed systems, in-vehicle infotainment, and Software as a Service (SaaS). Expertise in backend development with an interest in distributed systems, infrastructure operations, and observability. Operating a home server and network lab providing services using, among other things, Kubernetes. Clear and concise communication skills, easily motivated, and enjoy working both independently and on a team. With great attention to detail and strong problem-solving skills, I can deliver consistently high-quality products.

## Education

**2006-2011** M.Sc. in Computer Science - Chalmers University of Technology, Gothenburg, Sweden  
Master's Programme: Networks and Distributed Systems

## Employment History

**Oct 2021 -** DataKitchen  
**Jan 2024** *Senior Software Engineer*

Backend development of three products for the data engineering (DataOps) industry. As part of a small team, I actively contributed to all parts of the product lifecycles. This includes –but was not limited to– architecture, designing and implementing microservices from scratch, being on-call, and working on optimizations which, among other things, doubled event throughput.

**Technologies:** Python, Kubernetes, Docker, Helm Charts, REST APIs, MySQL, Elasticsearch, Kafka, AWS, SQLite, New Relic, Terraform, MongoDB, Pyroscope

**Mar 2017 -** Aptiv Sweden (formerly Delphi)  
**Oct 2021** *Software Engineer*

Development of Android infotainment systems in the automotive industry. Involved in all parts of the stack including kernel, HAL, services, and product configuration. Projects include delivering Android to Volvo Car Group and Volvo Trucks.

**Technologies:** C++, Python, Java, AOSP (Android), SELinux, flame graphs, Perfetto, ftrace

**Aug 2011 -** Bombardier Transportation Sweden AB  
**Mar 2017** *Software Engineer / Lead Developer*

Development of safety critical signalling systems for trains. As the lead developer I planned the development and took responsibility of design decisions. Projects include the world's first ERTMS level 3 line, West Dalarna Line (Västerdalsbanan), as well as an ERTMS line in Kazakhstan.

**Technologies:** C++, MySQL, network performance and error analysis, SIL 4, dtrace (Solaris)

**Jun 2008 -** Volvo Information Technology

**Jul 2008** *Developer*

Developed an application for licence management.

**Technologies:** PHP, MySQL, Apache HTTP Server, Model-View-Controller

## Software Engineering Skills

- **Programming Languages**

Python (including Flask), C++, Unix Shell Script, Go

- **Operating Systems**

Linux, Android, Solaris, Windows

- **Databases/Tools**

MySQL, SQLite, Kafka, Elasticsearch

Kubernetes, Docker, Helm Charts, Terraform

Wireshark, Pyroscope

Git, Gerrit, GitLab, Jenkins, Argo CD, make, SOPS, Renovate Bot

- **Miscellaneous**

AWS, New Relic

SELinux, SQL, Networking (OSI, TCP/IP, etc), regex, REST APIs

SOLID principles, Test Driven Development, Scrum

## Languages

**Swedish** - Native language

**English** - Fluent

## Driver's Licence

Car and motorcycle.

## Interests

Home server/network lab, mountain biking, road biking, gaming, TV series, disc golf, alpine skiing.

## Referees / Degrees

Given on request.