MATTI PEHRS
SOFTWARE CRAFTSMAN

Stockholm, SE | matti@pehrs.com | on-request

EDUCATION

Associate Degree
Computer Science
Stockholms Universitet
1987 - 1990, Sweden

TECHNOLOGIES

LANGUAGES SKILLS

Java – since 1995

Scala – since 2011

Python – since 2013

GO – since 2022

JavaScript – since ~2000

SYSTEMS SKILLS

Linux – since 1999

Google GCP – since 2015

Elasticsearch – since 2016

Docker – since 2016

Kubernetes – since 2018

PROFILE

I'm a passionate system developer and fascinated with computers and all things we can do with them. With extensive experience in this industry, I think I will bring excellence to any project. My focus has been on backend infrastructure and research for large scale deployments.

WORK EXPERIENCE

SOFTWARE CRAFTSMAN/SENIOR PLATFORM DEVELOPER
2024 –
SEB Embedded, Skandinaviska Enskilda Banken AB, Stockholm, Sweden
Development of the SEB Embedded Internal Developer Platform.
- Google GCP, GKE/Kubernetes, Gitlab, Backstage, Helm, Terraform, Crossplane, Prometheus, Thanos, Grafana, Jira API, Java, Spring boot, GO, Typescript/Javascript

SOFTWARE CRAFTSMAN/SENIOR BACKEND DEVELOPER
2013-2024
Spotify AB, Stockholm, Sweden
Development and architecture of Spotify's backend for search.
- Kubernetes, Docker, Vespa AI, Elasticsearch, Google GCP, Spotify Scio pipelines

Personalization – Content Management System
- Spotify Apollo/Java Microservices, Spotify Scio pipelines

Data infrastructure – User Behaviour Instrumentation
- Spotify Apollo/Java Microservices, Spotify Scio pipelines

Data infrastructure – infrastructure for data collection
- Google PubSub, Dataflow/Beam, Apache Hadoop, Apache Kafka, Docker

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LANGUAGES

Swedish

English

Finnish

PUBLIC SPEAKING

Scaling Data Infrastructure at Spotify
- Code Europe 2017, Poland
- JFokus 2017, Stockholm
- Qcon 2016, San Francisco

Reliable real-time event processing with Kafka and Storm
- Geekout 2014, Tallin

Java end-to-end solution Demo
- Java ONE 2001 Keynote demo, San Francisco

CONTINUED WORK EXPERIENCE

CONSULTANT/JAVA DEVELOPER
2011 - 2013
Self-employed consultant, Stockholm, Sweden
Online educational system for startup in stealth mode.
- Spring Framework, PayPal SDK, Google Cloud Messaging, Apply Push Notifications, WebSockets/Atmosphere, MySQL, SOLR/Lucene, Hazelcast, Rabbit-MQ, FreeMarker, AWS EC2/S3

CTO & HEAD OF RESEARCH
2011 - 2013
daLockr startup, Stockholm, Sweden
Services for facilitating content identity at global scale.
- Mobility, Android, Event driven architecture, Play Framework, Akka, MongoDB, Hazelcast, AWS EC2, Open CV, Rabbit-MQ, Spring Framework

ARCHITECT/CONSULTANT/JAVA DEVELOPER
2005 - 2011
Skandinaviska Enskilda Banken AB, Stockholm, Sweden
Portal Architect - Strategy and development of the SEB portal architecture.
- IBM Websphere Portal Server/Process Server/Lotus Content Manager/IBM Websphere eXtreme Scale

Architect/Consultant - Java Solutions SEB Group IT.
- Java, IBM eXtreme Scale, IBM Websphere Application Server, IBM Websphere ESB, IBM Websphere Message Broker

SENIOR WIRELESS/JAVA ARCHITECT
1997 - 2005
Sun Microsystems, Stockholm, Sweden & Chicago, USA
Senior Architect - Wireless Center of Excellence.
- J2SE, J2ME, J2EE, Sun Solaris, RedHat Linux,

CONSULTANT & TECHNICAL PROJECT MANAGER
1996 - 1997
Logica Svenska AB, Stockholm, Sweden

DEVELOPER & SYSTEMS DESIGNER
1990 - 1996
Ericsson Telecom AB & ELLEMTEL Research Laboratories, Stockholm, Sweden