Vegard Lundeberg Hillestad

Lead Software Architect

About Me

I am a passionate software architect with extensive experience designing applications for use in financial services. I have a proven track record of developing innovative and efficient solutions to high-end customers.

As lead software architect I have had a wide variety of roles including Project Architect, Developer, Test Manager and Team Lead, as well as working with recruitment.

Bio

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Work Experience

⦿ Developer & Tech Lead at NAV IT

March, 2023 - Present
Oslo, Norway

I have worked as tech lead at Team EESSI at NAV IT since March 2023. My main responsibility as been to lead the renewal of the tech used in handling of documents in and out of the EU.

Keywords: Java, Kotlin, GCP, NAIS, Kubernetes, Spring, Postgres, EESSI

⦿ Consultant at Knowit

March, 2023 - Present
Oslo, Norway

Consultant and head of Java at Knowit since March 2023. Working as tech lead at Team EESSI at NAV IT.

Keywords: Java, Kotlin, GCP, NAIS, Kubernetes, Spring, Postgres, EESSI

⦿ Lead Software Architect at Tietoevry

May, 2015 - March, 2023
Oslo, Norway

As lead software architect/domain architect I have had a wide variety of roles including Project Architect, Developer and Team Lead, as well as working with recruitment to our department.

◯ Lead Project Architect at Tietoevry

June, 2015 - May, 2019
Oslo, Norway

After years of building smaller satellite applications around larger components from third parties, we found that the software we were building in house was of a higher quality than the larger parts we were getting from our sub suppliers. I made a case for taking larger responsibility in house and building the larger core ourselves. I was assigned the role of lead project architect with teams in Norway, Sweden, Ukraine, and India. As lead project architect I was working on the higher-level designs, took the role as development lead and took part in the coding of the most important modules.

From 2015 to 2019 we were gradually moving smaller parts from the old mainframe core to the modern tech we created, and in 2019 we went live with a large Nordic bank on the complete new core. The launch was one of the most successful in Tietoevry Banking in the last fifteen years with barely any defects or interruptions to the daily operations, despite tens of thousands of code lines going live.

◯ Technical Architecture Board Member at Tietoevry

June, 2015 - March 2023
Oslo, Norway

From 2015 to March 2023, I served on the architecture boards at Tietoevry Banking, primarily representing the credit card department. My role involved contributing to strategic decisions and aligning them with our department's objectives

◯ Software Developer at Tietoevry

March, 2012 - April 2015
Oslo, Norway

While I found test automation inspiring, I have always had a passion for creating something new from scratch resulting in a move to Oslo and change job to a pure developer position. I got the chance of working on software for several large banks in the Nordics, creating applications from scratch and maintaining existing software.

Throughout the years I got increasing responsibility for the deliveries and the value chains. Working on tech improvements and new ways of working.

Keywords: Java, Spring, Financial Services, Card Issuing, Banking in the Nordics

◯ Technical Test Analyst at EDB ErgoGroup ASA

April, 2011 - March 2012
Trondheim, Norway

I was hired to continue the work I was doing while I was a consultant in Adecco IT, increasing the focus on automated tests and taking the role as test manager.

Keywords: Java, Python, Fitnesse, Test management, Automated testing

◯ IT Consultant at Adecco IT

June, 2010 - April 2011
Trondheim, Norway

I worked with software testing and test automation for EDB Business Partner. Tasks included both manual testing and writing of automated tests using Python, Java and the Fitnesse framework.

The software portfolio being tested was a combination of in house developed applications and solutions from third party vendors.

Keywords: Java, Python, Fitnesse, Automated testing

Education

Bachelor, Informatics at NTNU

2006 - 2009
Trondheim, Norway

Allmenfag at Asker vgs.

2003 - 2006
Asker, Norway

Skills

Software architecture

May, 2015 - Present

Since 2015, my career has revolved around software architecture. To me, software architecture is more than just picking which tech to use from best practice in the industry, it is about building software that works for the people you have and the constraints your company has. As a result of this I am involved in a lot more than just tech-oriented tasks. Examples include recruitment and team structuring.

Team Lead

May, 2014 - Present

I have been both a team leader and development lead in large projects.

Java, Spring & JVM Backend Development

2006 - Present

I have deep knowledge in Java and related technologies. All the large software projects I have led has been in this stack. That does not mean I think this is the only or always the best choice, but it is the general direction our company has taken. I am a firm believer in picking the right tool and language for the job, thinking about the resources and constraints you have as well as which direction you want to go in the long term.

Kotlin

May, 2016 - Present

I have led a change from Java to Kotlin in Tietoevry Banking. Traditionally all software was written in Java, but after an initiative I started in 2018 Kotlin was approved as a primary language, and today more new components are created with Kotlin than in Java.

Kubernetes

May, 2019 - present

The last two years in Tietoevry I worked on moving our portfolio to a new private cloud based on Open Shift. Our applications were running as docker images. The cloud is maintained by Argo CD with GitHub as the backing configuration.

At NAV IT I have been working on moving our applications to NAIS/GCP as well as creating new applications in the NAIS environment.

Keywords: Open Shift, GCP, NAIS, Argo CD

Oracle Database

2006 - 2023

Oracle is the primary DBMS used in Tietoevry. All our systems are backed by Oracle Exadata. I have in general opted to steer our solutions in a direction that is DBMS independent, often with the use of Spring Data, but I also have knowledge in PL/SQL.

Postgres Database

2023 - Present

Postgres is the primary DBMS used at NAV IT. I have experience using the database in our GCP environment.

Professional Skills

Kotlin

MASTER

Java

EXPERT

Spring

EXPERT

Kubernetes

ADVANCE

IntelliJ IDEA

MASTER

Mac

MASTER

Linux

EXPERT

Financial Services

EXPERT

Contact

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