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# Gustav Karlsson

## SOFTWARE ENGINEER

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## Work Experience

### Software Engineer

APR 2016 - PRESENT

360T Treasury Systems AG (Frankfurt)

- Developing and maintaining a large number of small Java applications that interact with customer systems and APIs.
- Architecting new solutions to large-scale problems.
- Working with a wide range of data formats and protocols such as REST, SOAP, FIX, SFTP and email.
- Frequent presenter at developer meetups.
- Mentoring of working students and other newcomers.
- Introduced company-wide "slack-like" communications platform affecting 200+ employees.

### Integration Consultant

OCT 2015 - MAR 2016

C4 Contexture AB (Umeå)

- Integrated a product information management system on customer systems.
- Solved data modelling problems according to customer needs.

### Software Developer

2011 - 2015

Tieto Sweden AB (Umeå)

- Developed and maintained a Java based full-stack web application built on MySQL, JPA, JAX-WS, JAX-RS and Wicket.
- Discussed requirements and goals with customer on a daily basis.
- For one week, travelled abroad to train another development team in development on the application code base.
- Introduced monthly sessions of lightning talks during office-hours.

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## Education

### **Bachelor's degree in computer science** 2006 - 2015

Umeå University (Umeå)

Studied computer science until 2011 when I took a study break to work.  
Finished the studies with a thesis project in 2015.

### **Upper Secondary School** 2002 - 2005

Tannbergsskolan (Lycksele)

Technical Programme with focus on Informatics.

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## Notable Skills

### **Languages**

Java 8 | Kotlin | Ceylon | HTML5 | CSS3 | Javascript | C# | Python | JSON  
| XML | XSLT | SASS | LESS | Stylus | Bash

### **Frameworks and libraries**

Android | Dropwizard | JPA | Hibernate | JAX-RS | JAX-WS | JAXB | JUnit |  
Mockito | Dagger 2 | Guice | Retrofit | Gson | Jackson | QuickFIX/J |  
Apache Camel | Apache Wicket | Swing | OSGi

### **Databases**

MySQL | Couchbase | SQLite | Realm | Apache Derby | H2

### **Tools**

Intellij IDEA | Eclipse | Git | Subversion | Docker | Gradle | Maven |  
Jenkins | Atlassian suite | Elastic stack

### **Software engineering**

Agile | TDD | Design patterns | Event sourcing | CQRS | Dependency  
injection | Clean code | S.O.L.I.D. | Responsive web

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## Talks

Kotlin for Java developers | Java 8 | Log analysis with the Elastic Stack |  
Test Driven Development

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## Certifications

Oracle Certified Associate, Java SE 7 Programmer