

**Date of birth:** 21/03/1982 | **Place of birth:** Türkiye | **Nationality:** Turkish | **Gender:** Male | **Email address:** gokhan.gurtec@gmail.com | **Website:** <https://gurtec.github.io> | **X:** <https://twitter.com/GGurtec> | **LinkedIn:** <https://www.linkedin.com/in/gokhangurtec/> | **Address:** Denizli, Türkiye (Work)

## ABOUT ME

With over **18 years of experience** in software development, I have taken on diverse roles—including **Software Engineer, QA Engineer, Project Manager, and Software Architect**—developing strong expertise in designing and delivering **high-quality, scalable, and resilient software systems**. I am passionate about **crafting modern architectures, fostering innovation, and leading teams to excellence** in enterprise applications, microservices, and cloud-based solutions.

**Java** is my core programming language, and I specialize in designing, optimizing, and evolving Java-based architectures.

## WORK EXPERIENCE

☰ CLOUDNESIL – DENİZLİ, TÜRKİYE

**SENIOR SOFTWARE ENGINEER / SOFTWARE ARCHITECT – 12/2016 – CURRENT**

### Main Responsibilities:

- Software development with Java, Scala, and Python
- Guiding and mentoring development teams
- Designing software architectures and defining development standards

### Key Projects & Technologies:

- **Maxijett** (Mar 2024 – Present)
  - Senior Full Stack Software Engineer for a platform-to-consumer delivery application for partnered businesses and restaurants.
  - **Technologies:** Java 21 (Spring Boot, Akka, Akka Streams, Kafka Streams), PostgreSQL, Redis, Apache Kafka, Elasticsearch, React (TypeScript), New Relic, Loki, Grafana, Kubernetes, ArgoCD, Helm, Lens
  - <https://maxijett.com>
- **Orbis Communications – Experiential Learning Platform** (May 2020 – Jan 2021, Jan 2022 – Mar 2024)
  - Java/Hibernate Developer contributing to backend development of the platform.
  - **Technologies:** Java 17, Spring Framework, Hibernate, MSSQL, JSP, jQuery, Redis, Vue.js
  - <https://orbiscommunications.com>
- **Gas Information Management System** (Feb 2021-Sep 2021)
  - Designed and implemented the Geographic Information System (GIS) module.
  - **Technologies:** Python, Django REST Framework, PostgreSQL, Elasticsearch
- **Anonos – BigPrivacy Pseudonymisation Platform** (Nov 2019- April 2020)
  - Developed Spark Batch Processing Service.
  - **Technologies:** Java 8, Spring Boot, MongoDB, Apache Spark, Docker, Kubernetes
  - <https://www.anonos.com>
- **Aifora – Intelligent Price and Stock Automation Platform** (Oct 2018- Nov 2019)
  - Implemented backend services for pricing and stock automation.
  - **Technologies:** Scala, Lagom, Apache Kafka, Akka Streams, Slick, Circe
- **Spark Query Executor** (2018)
  - Developed a REST service to execute and monitor Apache Spark SQL queries on Apache Hive.
  - **Technologies:** Java 8, Apache Spark, Hive
- **Lazada Express – On-Demand Delivery Solution** (2017)
  - Implemented the Notification Service for Lazada's delivery platform.
  - **Technologies:** Java 8 (Spring Boot), PostgreSQL, Redis
- **Maxiloyal – Customer Loyalty Platform** (2017)
  - Backend development team member for a large-scale loyalty management system.
  - **Technologies:** Java (Spring Boot), Cassandra, Redis
- **Data Migration Service** (2018)
  - Developed a service to migrate data from MySQL to Cassandra.
  - **Technologies:** Java, Apache Spark, Cassandra, MySQL
- **Intelligent Image Classification Service** (2018)
  - Built a microservice to scrape websites and classify online payment system usage.
  - **Technologies:** Python, Apache Spark, MySQL, TensorFlow, Scrapy, Flask

 **TURKSTAT (TURKEY STATISTICAL OFFICE)** – ANKARA, TÜRKİYE

**HEAD OF GROUP** – 08/2013 – 10/2016

Head of Management Software Group that execute following systems and projects:

- Human Resources Software
- TURKSTAT Webpage
- TURKSTAT Intranet
- Management Information Systems
- Electronic Record Management System
- Role Based Access Control System

Software Standardization Studies were conducted in software development team in TURKSTAT. Scrum methodology was adapted to TURKSTAT and applied.

 **TURKSTAT (TURKEY STATISTICAL OFFICE)** – ANKARA, TÜRKİYE

**SOFTWARE SPECIALIST** – 10/2006 – 08/2013

Software Development

- Java Web Based Software Development
- Online Questionnaire Development with Java EE Technologies
- Metadata Management System Development with Java EE Technologies

Coordination of Metadata Studies

- I was a member of the Harzemli Platform Development team in Turkstat. Harzemli Platform is a statistical production platform based on DDI XML standard. I was responsible of developing the metadata standards.


Coordination of EU Projects

- I was responsible of coordination the EU financed IT projects in TURKSTAT

 **EUROSTAT (EU STATISTICAL OFFICE)** – LUXEMBOURG, LUXEMBOURG

**TECHNICIAN TRAINEE** – 07/2010 – 12/2010

Statistical Data Exchange Software and Standards

 **HAVELSAN A.Ş.** – ANKARA, TÜRKİYE

**SOFTWARE TEST AND INTEGRATION ENGINEER** – 09/2005 – 10/2006

Software testing and integration of the tactical control systems.

- Preparation of test plan
- Preparation of test cases and scenarios
- Executing test scenarios
- Preparing test scripts

## ● **EDUCATION AND TRAINING**

09/2009 – 06/2011 Ankara, Türkiye

**MS IN BUSINESS MANAGEMENT** Ahmet Yesevi University

09/2000 – 05/2005 Ankara, Türkiye

**BSC IN COMPUTER ENGINEERING** Bilkent University

Education Language: English

Scholarship Type: Success Scholarship / 100%

09/1993 – 06/2000 Manisa, Türkiye

**HIGH SCHOOL** Salihli Sekine Evren Anadolu Lisesi

High School

## ● **LANGUAGE SKILLS**

Mother tongue(s): **TURKISH**

Other language(s):

|                | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
|                | Listening     | Reading | Spoken production | Spoken interaction |         |
| <b>ENGLISH</b> | C1            | C1      | C1                | B2                 | C1      |
| <b>GERMAN</b>  | A1            | A1      | A1                | A1                 | A1      |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DRIVING LICENCE

Driving Licence: B

## ● HONOURS AND AWARDS

### Honours and awards

- 327th of 2000 Student Selection Exam for University within almost 1 million student
- Certificate of achievement in 2016 in TURKSTAT

## ● JOB-RELATED SKILLS

### Job-related skills

**Programming Languages:** Java, Scala, Python, JavaScript, TypeScript

**Frameworks:** Spring Framework, Spring Boot, ZK Framework, Lagom Framework, Django Framework, JHipster

**Frontend:** ReactJS, VueJS

**Data and Streaming Layer:** Apache Cassandra, PostgreSQL, Oracle, MySQL, MSSQL, Apache Spark, Redis, Apache Kafka, Elasticsearch

**IDE:** IntelliJ IDEA, Pycharm, Eclipse, Visual Studio

**Tools and Techniques:**

Redmine, JIRA, Git, SVN, Bitbucket,

Gradle, Maven, sbt,

Flask, Tensorflow, Scrapy,

Slick, Circe,

UML, Scrum, Test Driven Development (TDD), Domain Driven Design(DDD),

Akka Streams, Alpakka Kafka,

Kafka Streams,

Docker, Kubernetes,

AWS Services(S3, Lambda, Glue, CodeBuild, Kinesis, DynamoDB)

Google Cloud Services(Firebase, BigQuery, Geocoding API)

CQRS and Event Sourcing

Object Oriented Design

Unit Testing

## ● COURSES

### Courses

- Java 9 & 10, CloudNesil, September 2018
- Apache Spark, CloudNesil, September 2018
- GraphQL, CloudNesil, August 2018
- Clean Code, CloudNesil, January 2018
- Architect Enterprise Applications with Java EE, Infopark, 2016
- Spring Framework, Infopark, 2016
- TS ISO/IEC 12207- Systems and software engineering – Software life cycle processes, Turkish Standards Institution, 2013
- TS ISO/IEC 25051 - Software engineering -- Systems and software Quality Requirements and Evaluation, Turkish Standards Institution, 2013
- TS ISO/IEC 15504- SPICE, Turkish Standards Institution, 2013

## ● **COMMUNICATION AND INTERPERSONAL SKILLS**

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### **Communication and interpersonal skills**

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- Multi-cultural communication skills gained by developing software products with teams from different cultures
- Contact skills gained by leading software development teams and supplying contact with other teams and stakeholders

## ● **ORGANISATIONAL SKILLS**

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### **Organisational skills**

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- Leading software development teams for reaching the goals
- Mastering scrum teams in order to success sprint tasks and create valuable products