

## EDUCATION

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- **IU International University of Applied Sciences** Bad Honnef, Germany  
*Master of Science in Artificial Intelligence;* Sep. 2022 – Present
- **Gebze Technical University** Kocaeli, Türkiye  
*Bachelor of Engineering in Electronics; GPA: 3.17* Aug. 2017 – July. 2021

## EXPERIENCE

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- **Metasis Technology (Outsourced to Eximbank)** Istanbul, Turkey  
*Senior Software Engineer* Apr 2024 - Present
  - Migrating a banking module from a monolithic architecture to a microservices-based system using Java 17, Spring Boot 3, Oracle, and React.
  - Designed and developed key components to facilitate credit limit management, ensuring scalability and maintainability.
- **Asseco Turkey** Istanbul, Türkiye  
*Software Engineer* Jan 2023 - Apr 2024
  - Involved in the development of anti-fraud solutions for various banks and payment systems as a part of the InACT Fraud Management product team.
  - Proficient with a broad technology stack including Java, Spring Framework, Javascript, Docker, Kubernetes, OpenShift, Helm, Helmfile, Bamboo, SonarQube, Nexus, Harbor, Oracle, MSSQL, PostgreSQL, Kafka, Artemis, Git, Flink, AWS, Unit testing frameworks, TestContainers, Maven, Ant, and Atlassian SDLC tools.
- **Orion Innovation Turkey (formerly NetRD)** Istanbul, Türkiye  
*Software Engineer* Nov 2020 - Jan 2023
  - Designed and dockerized the SAYEM central logging unit for an intelligent city project for TUBITAK using ELK Stack, Kafka, and Filebeat, including LDAP implementation for authentication and Kibana customizations.
  - Developed, resolved issues in, and enhanced the internal RAF Automation Framework, authored Ansible playbooks, and containerized and deployed an orchestration tool similar to Kubernetes for lab setup processes.
  - Transformed a JSP-based user interface into a modern interface using Angular and Material UI.
  - Worked on the design and performance team for a VoIP Telecommunication System project (AS) with SOA Architecture.
  - Conducted extensive testing of SOAP web services using SOAPUI and JMeter, and used JIRA, Confluence, Git, Bitbucket, and Jenkins for version tracking and control.
- **NetRD** Istanbul, Türkiye  
*Intern Software Engineer* Summer 2019
  - Enhanced the internal Logtool application to support Quad SESM connections and developed a Java application for parsing and converting logs into Excel format for the traffic team.
- **Freelance Software Developer** Remote  
*Self-Employed* 2016 - Present
  - Provided software development services on platforms like bionluk.com, specializing in web and mobile application development.

## PROJECTS

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- **Continuous Glucose Monitoring System (Graduation Project):** Developed a device that utilizes NFC communication to read data from the Freestyle Libre sensor, transfers it to a React Native mobile application via Bluetooth, and presents correlated health data to the user through a Kibana dashboard.
- **Cansat Competition 2019, USA:** Served as the Ground Control System Designer, where I developed a C# application that communicates with an antenna through a Serial port and displays parsed data on-screen.

## CERTIFICATIONS

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- **Galatasaray University INNOVE:** Digital Leadership Program
- **Google:** Google Project Management Certificate
- **Google Game and App Academy:** Game and App Jam 1st Place
- **SecureFlag OWASP:** OWASP Top 10:2021 in Java, Secure Authentication in Java, Intermediate Secure Coding in Java
- **Young Executive Academy:** Industry 4.0, Big Data, Entrepreneurship Courses
- **QWorld:** QBronze Using Qiskit

## SKILLS

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- Java, Spring Framework, PHP, JavaScript, TypeScript, SQL, Redis, MongoDB, Node.js, Express, React, React Native, Next.js, Angular, Svelte, jQuery, Git, Elasticsearch, Logstash, Kibana, Kafka, ActiveMQ, Artemis, AWS, CI/CD, JUnit, Unit Testing, Lambda, OOP, Game Development, Microservices, Distributed Systems, English, Turkish