

ALP ORAN

SENIOR SOFTWARE ENGINEER

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PROFILE

Experienced Software Engineer with a demonstrated history of developing, testing and maintaining software systems. Quick adaptation to new challenges and responsibilities. Strong problem solving skills with an analytical mindset. Experience working as part of a productive team, as well as effectively self-manage during personal projects.

WORK EXPERIENCE

Şekerbank T.A.Ş.

Senior Software Engineer, 2020-2021

Main responsibilities;

- Developing applications by using Java, Spring Framework, and Agile practices for the middleware utilized by digital channels (Web/Mobile Branches, Call Center, IVR, etc.)
- Taking part in architectural design of middleware layer as part of the microservices transformation.
- Maintaining legacy JSP-Servlet based Java EE web application.
- Bugfixing and troubleshooting.

BilgeAdam Technologies

Software Engineer, 2020-2021

Working as a Consultant Software Engineer at Şekerbank T.A.Ş.

Turkish Airlines

Software Engineer, 2017-2020

Main responsibilities;

- Developing mainframe applications for reservation, ticketing, and DCS systems using Java, Spring Framework, IBM High-Level Assembler, and Agile practices.
- Migrating mainframe applications to open systems as part of architectural transformation projects.
- Maintenance of codebase and database records.
- Bugfixing and troubleshooting.
- Automating manual tasks and test cases with Python Programming Language.
- Providing support for open system teams utilizing mainframe programs.
- Conducting code reviews.

EDUCATION

Sakarya University - Information Technologies

Turkey, Sakarya

Master of Science, 2018-2019

Istanbul Technical University - Electronics and Communications Engineering

Turkey, Istanbul

Bachelor of Science, 2011-2015



PROJECTS

Gateway Application for Digital Channel Front-end Transformation

Backend For Frontend architecture implementation to address the needs of a new view layer developed with React. The implementation serves services of JSP/Servlet-based web application as RESTful APIs.

Personal Webpage/Blog

Static webpage for presenting my portfolio and blogging.

Tools: Jekyll, JavaScript, HTML, CSS

Link: <https://alporan.github.io/blog>

Clinic Appointment Application

Implementing CRUD operations for simple clinic appointment application.

Tools: MySQL, Angular, Java, Spring Boot

Link: <https://alporan.github.io/blog/clinic-appointment-app>

Attachmate Extra! X-treme Macro Interface

Interface for developing utility programs and macros with Python programming language for Extra! X-treme terminals.

Tools: Python, PyQt5, Extra! X-treme API

Link: <https://alporan.github.io/blog/extra-xtreme-macro-interface>

Blazing Fruits

Android game checks multitasking and hand-eye coordination.

Tools: Java, Android Studio, libGDX Library

Link: https://alporan.github.io/blog/blazing_fruits

An Indoor Localization Algorithm On FPGA

Multiple RF reader modules were localized by using received signal strength value from stationary RFID tags. Localization algorithm was implemented on an FPGA.

Tools: Verilog, C++, FPGAs

Link: https://web.itu.edu.tr/~orssi/thesis/2015/AlpOran_bit.pdf

SKILLS

Programming Languages & Frameworks

- Java
- Spring Framework
- Spring Boot
- Jakarta EE
- IBM High-Level Assembler Language
- SQL
- Python
- Hibernate
- JUnit

Tools

- Git
- GitHub / BitBucket
- Relational Databases
- JIRA
- CA Endevor SCM
- CA Clarity PPM

LANGUAGES & TEST SCORES

Turkish: Native or bilingual proficiency

English: Full professional proficiency

IELTS (International English Language Testing System), Nov 2015

Reading: 9/9, Listening: 8.5/9, Speaking: 7/9, Writing: 6/9

Overall Score: 7.5/9

TOEFL (Test Of English as a Foreign Language), Jul 2015

Reading: 26/30, Listening: 26/30, Speaking: 19/30, Writing: 21/30

Total Score: 92/120