

# Ozkan Sari



## Software Engineer

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I'm a Computer Engineering BSc and MSc graduate. I love software development. I'm interested in software quality, agile project management, java-based technologies. I have experience in designing and building highly available systems and adapting new technologies. I have 10+ years of Payments Industry Experience. I'm an Automation, Continuous Integration and Agile enthusiast. Additionally, I teach "Advanced Java" and "Software Development Environment and Tools" in Medipol University.

/\* WORK EXPERIENCE \*/



## UNIVRSES

Software Engineer / Oct 2021 - Present

Backend Engineer. Working in developing the 3DAI™ City platform backend data processing applications and APIs.

TECHNOLOGIES: Serverless & Cloud, AWS, AWS Lambda, AWS S3, Typescript, NodeJs, Java, Spring Framework, Spring Boot





## PAYCORE

Senior Software Architect / Jul 2019 - Oct 2021

(NOTE: "Mastercard PTS Turkey" has been merged with PayCore and Mastercard transferred the ownership of the company to PayCore Processing Solutions Turkey. Integration period still continues. I still work in the same company with similar responsibilities. )

In this role, I work as a software engineer responsible for all java projects in the company. Some of my main responsibilities are system design, architecture ,configuration and software development using java based-technologies, project & team management, mentoring junior developers.

For more information about the company: <https://www.paycore.com/>



java



spring



JPA



hibernate



spring boot



spring data



## MASTERCARD

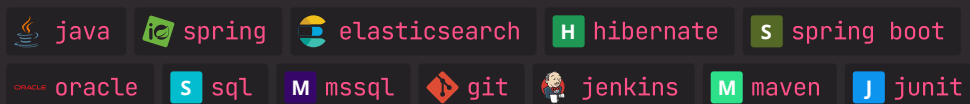
Experienced Sr. Engineer / Mar 2018 - Jul 2019

My Role: Level 6 individual contributor position, one level-higher than Sr. Engineer. Also titled as "Consultant, Software Engineering" internally.

In this role, I work as a software engineer responsible for all java projects in the company and also the team leader/people manager of a small java development team of 2-3 people. Some of my main responsibilities are system design & architecture & configuration, software development using java based-technologies, project & team management, mentoring junior developers.

Job description contains following responsibilities:

- Ensure quality of one or more application codebases and alignment with development standards
- Applies technical capabilities within own discipline to coach and develop junior employees
- Provides input into performance appraisal process for some junior employees or team members
- Designs highly complex applications, interfaces and integration with a modest number of systems
- Integrates at an enterprise level using third-party middleware or messaging products, or by designing and implementing custom interfaces and mapping for those interfaces
- Responsible for performance engineering of the enterprise software architecture, and providing functional guidance, advice, and/or training to other application developers
- Modest advanced code development, code review and day-to-day support duties
- Group-wide and external public speaking and other communications conveying domain level directions
- Researching and evaluating tools to support domain-specific needs



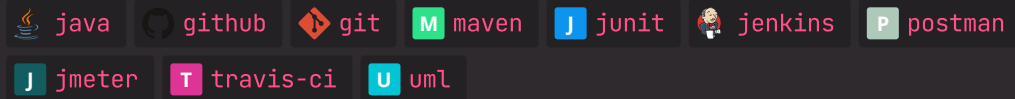


## MEDIPOL UNIVERSITY ISTANBUL

Instructor, Part Time / Feb 2017 - Present

Teaching following courses:

- Advanced Java (2017-2020)
- Software Development Environment and Tools (2018-...)
- Object Oriented Programming (2017)



## MASTERCARD PAYMENT TRANSACTION SERVICES TURKEY

Sr. Engineer / People Manager / Jan 2015 - Mar 2018

(NOTE: After MasterCard acquisition, the Provus company changed its brand as "MasterCard Payment Transaction Systems Turkey" and some organization changes has been performed and I acquired a new role as a Senior Engineer and People Manager)

RESPONSIBILITIES: In this role, I work as a software engineer and also the team leader/people manager of a java development team of 4-6 people. Some of my main responsibilities are system design & configuration, software development using java based-technologies, project & team management, agile coordinator (Scrum, Kanban), business intelligence system administration, mentoring junior developers.

Some of the latest projects I'm responsible for are:

- Batch Job Processing System (Spring Batch)
- ATM Monitoring System Improvement and New Module Developments
- Finance System for managing & reporting Clearing between financial institutions
- Centralized Logging/Message and Monitoring System using ELK stack and Grafana
- ATM E-Journal File Retrieval System Improvement and New Module Developments
- SAP Business Intelligence System Design & Development & Management

I do my best to develop high quality software by integrating and using industry-standard tools and using java-centric technologies. I'm experienced in building scalable, high performance and highly available systems.





## PROVUS A MASTERCARD COMPANY

Software Development Team Leader/Assistant Manager / Feb 2014 - Jan 2015

(NOTE: I've continued to work in the same company but I've been promoted and assumed the Software Development Team Leader/Assistant Manager role. The Company name has also been changed as "Provus: A MasterCard Company" after MasterCard acquisition in 2014)

RESPONSIBILITIES: In this new role, in addition to making software developments, I took some management responsibilities. I worked as a member of the ATM Analysis & Software Development department. My main responsibilities were software development using java based-technologies, business intelligence system administration, team management and agile management as a Scrum Master in a java development team of 5 people.

After assuming the role of Team Leader/Assistant Manager, I've worked hard to transform and improve our agile management strategy and perform agile practices successfully. I've also built the CI system in our dev environment.

Some of the latest projects I have been part of are

- Agile Project Management and Process Improvements
- ATM Monitoring and Management System Improvement and New Module Developments,
- SAP Business Intelligence System Design, Development and Administration,





## PROVUS

Software Development Supervisor / Feb 2012 - Feb 2014

(NOTE: I've continued to work in the same company but I've been promoted and assumed the Software Development Supervisor role)

RESPONSIBILITIES: R&D project coordinator, project management, software development using java-based technologies, Business Intelligence System development, design and administration.

### ACCOMPLISHMENTS:

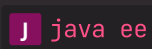
- I was the project coordinator of the R&D project called "ATM Location Optimization" supported by Government Agency. Besides software development, I was responsible for managing the project, preparing related documents and making presentations. Project completed successfully.
- Another project I had was SAP Business Intelligence System Project. I was responsible for installation, configuration, Universe/Platform design, administration and training.
- I also worked in "ATM Electronic Journal File Retrieval System" project. I was the main software engineer responsible for design and developing the system. Thanks to this system, we've started to perform electronic journal retrieval independently from ATM server and ATMs is no longer go offline during electronic journal retrieval operation.

### PROJECTS:

Along with the projects mentioned above, "ATM Monitoring and Management System" & "JMS Automated Printing and Publishing Job Management System" projects continued to be our main responsibilities with system improvements and new module developments.



java



java ee



jsf



## PROVUS

Software Developer / Jun 2009 - Feb 2012

RESPONSIBILITIES: Software development using J2EE, JSF, Web Services, Hibernate, Richfaces, Primefaces, Seam, XML, (X)HTML, Javascript&ajax, JQuery, ExtJs, CSS, Crystal Reports, Oracle and PL/SQL.

### ACCOMPLISHMENTS:

- Upgrading ATM Monitoring and Management System infrastructure from JSF version 1 to JSF version 2 which requires huge changes in project code.
- Developing highly interactive ATM Monitoring Dashboard from scratch. This dashboard is still being used and the main screen used by customers to perform majority of their tasks.

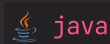
PROJECTS: We were responsible for system improvement and new module developments of two main projects:

- JMS Automated Printing and Publishing Job Management System
- ATM Monitoring and Management System

New modules were being developed for the new customers or due to existing customer requests. These projects were being used 7/24 and had a backlog of several tasks.

### COMPANY INFORMATION:

The company provides outsourcing services to banks regarding card, POS and ATM operations; additionally provides printing/enveloping and card personalization services as well as loyalty applications to clients in various industries such as banking, telecom and retail. Provus is also an officially recognized research and development center in Turkey.



## TURKISH ARMED FORCES

Temporary Military Service (Mandatory) / Dec 2008 - May 2009

I have fulfilled my citizenship obligation in Turkish Armed Forces. It is mandatory to work for Turkish Army Forces as a soldier for a limited time. This is a citizenship obligation for every Turkish men.



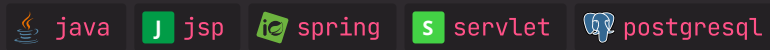
## OVERTEAM

Software Engineer / May 2007 - Nov 2008

RESPONSIBILITIES: Web Programming (JSP, HTML, Javascript & AJAX, Spring Framework, ZK Framework, GWT) and Database Management (postgresql)

### COMPANY INFORMATION :

Overteam Technology is a company in Istanbul, Turkey , developing web-based software, creator of some successful web sites such as "gayet.net" and "azbuz.com" in Turkey.

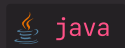


## YEDITEPE UNIVERSITY

Student Assistant / Oct 2006 - Jun 2007

Student assistants are selected among best students in the university and I was one of them.

As a student assistant, I helped the lecturer and answer the questions of the students by attending the labs. I also helped students in their computer science lessons.



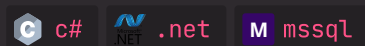
## MICROSOFT TURKEY

Intern / Jul 2006 - Aug 2006

Only successful students have been selected for this Microsoft Summer School program. It consists of training and workshops for a full-time 20-workday (or 4 weeks) period,

Microsoft Summer School 2006 Program covered the following topics:

WINDOWS SERVER 2003 , SQL SERVER 2005 , .NET FRAMEWORK , VISUAL C#.NET , ASP.NET 2.0 , APPLICATION DEVELOPMENT WORKSHOP BY VISUAL STUDIO.NET





## CREA TECHNOLOGY, SIRKECI

Intern & Part Time Programmer / Jun 2005 - Oct 2005

3 months Internship + 2 months part-time employee.

Internship was full 6 days a week during 3 months. When my internship in the same company finished, I was offered to start working in Crea Technology. I worked as a part time web programmer (JSP, HTML, javascript, PHP).

About Crea Technology :

Crea Technology was a small coding house specializing in reliable, secure and flexible solutions. Ali Lazım owns this small software development office which employs about 10 developers. Address: Hocapaşa Mah Hüdavendigar Cad No:23 Sirkeci, İstanbul. (Company might be out of business by now.)



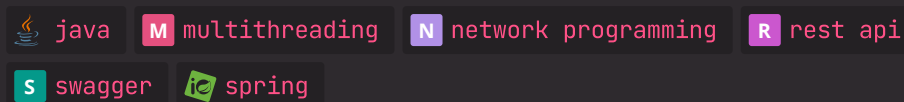
/\* PROJECTS \*/



## ONLINE FINANCIAL PAYMENT TRANSACTION PROCESSING SYSTEM

Jul 2019 - Jul 2021

Online system that can process transactions (such as PoS device and ATM) coming from multiple channels (API, SOAP, TCP/IP).

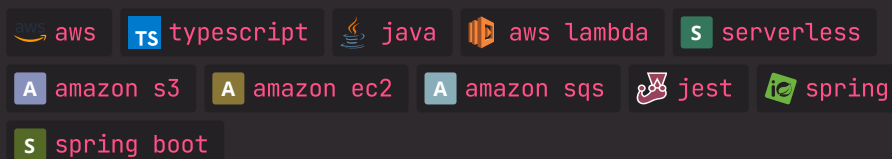


## 3DAI™ CITY

Backend Developer / Oct 2021 - Present

[univrses.com/3dai-city](https://univrses.com/3dai-city)

Smart city platform giving access to timely, relevant and actionable data about your city



/\* EDUCATION \*/

## YILDIZ TECHNICAL UNIVERSITY

Master's Degree, Computer Engineering / Sep 2012 - Jun 2015

I've completed my degree having perfect score in all courses (GPA:4.0).

My MSc education has been focused on software development and software quality and taken courses related to these topics, namely "Software Quality and Test Techniques", "Advanced Programming Languages", "Advanced Algorithm Analysis and Design", "Refactoring & Design Patterns", "Multivariate Data Analysis" and "Software Project Management".

My thesis topic is "Software defect prediction approaches" and it is about developing a model to predict software entities having defects, using an approach based on logistic regression analysis and focusing on static software code metrics.

## YEDITEPE UNIVERSITY

Bachelor of Science (BSc), Computer Engineering / Sep 2002 - Jun 2007

Graduated in Dean's Honor List from Yeditepe University

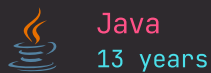
Earned full scholarship for B.Sc. studies during 5 years to cover all educational and living expences because of the ranking at university entrance exam.

## MIDDLESEX UNIVERSITY

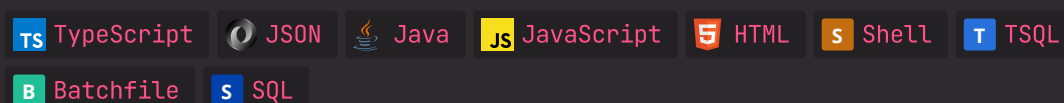
Erasmus - BSc, Computer Sciences / Jan 2006 - Jun 2006

Erasmus exchange student during one semester between January 2006 and June 2006

/\* TECH STACK \*/



/\* PROGRAMMING LANGUAGES \*/



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/* TECHNOLOGIES & LIBRARIES */
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