**SERKAN GECICI**

Software Consultant / Cloud Engineer – **Contract**

**AWS | Azure | DevOps| CI/CD Pipelines | Python | Django | Node | C# | Elasticsearch | .NET Core | REST API | Angular | React | Docker | Databases | Microservices | Cloud Native**

As a Full Stack Software Engineer and Architect, more than 12+ years of enterprise software development experience in agile environment. I’ve successfully delivered 50+ high importance Greenfield projects within large enterprise global companies such as EduFinance / Opportunity International, Akbank, IBTECH (QNB Finansbank) and Ford

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| --- | --- | --- | --- | --- |
| Availability | Mobile | Location | Email | LinkedIn |
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# Top Skills

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| Languages  &  Frameworks | Python (Django, DjangoORM, Django Rest Framework, Flask, Pandas, NumPy, SQL Alchemy), C#, Node, Java 8+, Angular, React, Redux, JavaScript, Typescript, RESTfull API, ASP.NET MVC, Razor, Multithreading, SQL, Web Services, WPF/MVVM, WinForms, LINQ, Entity Framework, XML, HTML5, JSON, PowerShell, ActiveMQ, MSMQ, Log4Net, SignalR, GraphQL, jQuery, DevExpress, Telerik Kendo UI, HTML5, Knockout.js,Handlebar.js, Bootstrap, HTML, CSS, LESS, Web Scraping, Html Agility Pack, XPath, JSON, Go, PHP, VBA, SharePoint |
| Cloud  &  DevOps | Cloud Migration, Cloud Native Approach, Designing DevOps, CI/CD Pipelines, IaC(Azure Resource Manager, Terrafom, CloudFormation), IaaS, PaaS, AWS (Lambda, EC2, CodePipeline, CodeCommit, Elastic Beanstalk, DynamoDB, API Gateway, Route 53, Cognito, Glue), Azure (Azure DevOps/VSTS, Service Bus, Azure Functions, Storage, Logic Apps, Data Factory), Octopus, Jenkins, Docker, Kubernetes, Git, Gitlab, ELK(ElasticSearch, Logstash, Kibana), Active Directory, LDAP, Confluence, Jira, Linux, Bash, Fiddler, Postman |
| Database | Data Migration, Relation Database Design, DB Normalisation, Oracle/ PLSQL, SQL Server/T-SQL, SSIS, SSRS, Data Migration, SQL Tuning, NoSQL (MongoDB, Redis), MySQL, Redis, PosgreSQL, Stored Procedures / Functions, DB Jobs, Elasticsearch, ETL (Azure Data Factory, AWS Glue) |
| Methodologies | TDD, SOLID, Scrum, Kanban, TOGAF, BDD, OOP, SOA, OWASP, Pair programming |
| Others | TCP/UDP, SFTP, IIS, Crash Dump Analysis, Disaster Recovery, Crystal Report, Jasper Report |
| Management & Domain | Software Architectural Design, Stakeholder Management, Involving all SDLC processes, Deployments, Mentoring to Development Team, Project analysis, Tasks breakdown, Technical Documentations, Time estimation, CRM, ERP, Technical Training Activities |
| Finance | Core Banking Application and Framework Development, Machine learning based and rule-based Credit Scoring (Scoring, Experian, Moody’s Risk Analyst), Payment Systems & Cards, ISO8583 messaging, Commercial Credits, Document Management System, Batch Operation, ERP, CRM and Sales Systems (Automotive), Customer Facing Web Application Development |

**Key Accomplishments**

* As Founder and director of Milena Software LTD, I have developed machine learning based credit scoring system which is Greenfield project for EduFinance / Opportunity International, London. This system has been integrated to 20+ international financial institutions for their credit decision process by APIs and Web application.
* Akbank has been selected best digital bank of 2019 in the world by Euro Money thanks to our web based new generation core banking framework (AkbankFace) project and transformations projects for legacy applications to this framework. As application architect and lead developer, I have got exceptional talent award from Akbank due to my contributions to this project for 2 years. (Source: <http://tiny.cc/23232ds> <http://tiny.cc/ejwdaz> )
* At QNB Finansbank (IBTech), Commertial Loans Team, I was Senior Software Designer and I’ve designed and developed core banking risk analyst application similar with used external “Moody’s Risk Analyst” system. We migrated external “Moody’s Risk Analyst” system with data to core banking system. QNB has saved 2M USD for annual license fee. However core banking loan scoring process has been speed up at all branches in terms of usability and application scalability.
* At QNB Finansbank (IBTech), Payment System Team, I was Senior Software Engineer and we developed first cardless ATM of Europe. One is able to use all ATM functions by SMS OTP authentication. I’ve designed payment system messaging dispatcher module between core banking and ATM switch in this projects.
* At QNB Finansbank (IBTech), Corporate Applications Team, I was Senior Software Engineer and I have designed and developed secret document sharing system between QNB Finansbank, Bank of America Merrill Lynch, Moody’s and JP Morgan. It was SharePoint based application and I used VPN authentication external access over SharePoint
* At Ford Motor Company. I was Senior Software Engineer and I designed and developed online 3D vehicle configurator application. I was Lead developer in this project and I’ve worked with Ford UK Team. You can use this application at [www.ford.com.tr](http://www.ford.com.tr). I was single developer of Ford CRM system and Ford Public Facing web Applications. Ford Turkey. I worked at Ford Turkey. Before there project I have worked lots of ERP projects for vehicle production line and corporate applications. When I was at 3nd class during my computer engineering educations, I’ve designed and developed Ford Trucks factory calibration system.
* In my free times in 2014, I developed [www.findspeak.com](http://www.findspeak.com) It is online free social network for language learners. It has more than 10K users around the world. FindSpeak has been invited to web summit alpha to Dublin for startup investment program.
* At Sakarya University, IT department, I was Research Student (Web Developer) and I developed web based news publishing system for media news.

# Certifications

* IBM Architectural Thinking, Istanbul
* Microsoft Certified Technology Specialist Microsoft License 6942644
* ISEB/ISTQB Foundation Certificate in Software Testing, ISEB/ISTQB
* Project Management Certification, PMI
* Oracle 11g Certified Advanced PL/SQL Developer
* Professional IT Trainer, AKBANK

# Career History

1. **Lead Developer / Technical Lead at Edu Finance (Opportunity International), Sept 2019 – Present**

* Development of machine learning based online credit scoring system in Python/Django
* Development APIs and service based integration to international finance companies for usage of EduFinance scoring system
* Development RESTful APIs for data integration with overseas banks (AWS Lambda, API Gateway, Glue)
* DevOps CI/CD pipeline design with (AWS CodePipeline, AWS CodeCommit , AWS Elastic Beanstalk)
* Training and deployment of machine learning models
* Mentoring to development team
* Stockholder management
* Migration legacy system from AWS to Azure

**Tech Stack**: C#, Python (Django, Django Admin, Django Rest Framework, Flask, Pandas, NumPy, SQL Alchemy), Deploying Machine Learning Models, Node, ASP.NET MVC, HTML, CSS, Bootstrap, JavaScript, TypeScript, React, Azure(Azure DevOps/VSTS, Service Bus, Azure Functions, Storage, Logic Apps, Data Factory), AWS (Lambda, EC2, CodePipeline, CodeCommit, API Gateway, Route 53, Glue), Elasticsearch, SQL Server, MongoDB, MySQL, PostgreSQL, Rest API, Git, GitLab

1. **Application Architect** **(IT Infrastructure and Core Banking Application Development Team) at AKBANK, July 2017 – July 2019**

I was responsible for low level and high level design and development of web based new generation core banking framework named AkbankFace. Thanks to AkbankFace, AKBANK has been awarded as world’s best digital bank by Euromoney at July 2019. I have also received exceptional talent award due to my performance in this team. (Source: <http://tiny.cc/23232ds> <http://tiny.cc/ejwdaz> )

Other responsibilities:

* DevOps configuration for Core Banking System (AWS CodePipeline, AWS CodeCommit)
* Microservice development with AWS Lambda and API Gateway
* Code Review and performance monitoring
* Scrum activities (Backlog refinement, PBI Sizing, Spring Planning, Daily Meetings, Retrospectives, Reviews)
* Bug fixing and maintenance on the core banking framework
* Providing technical training to new developers
* Technical mentoring to developers using AkbankFace framework

**Tech Stack** : Core Banking Framework Development, AWS/Azure, Node, Python, C#, ASP.NET MVC, JavaScript, TypeScript, WEB API, Java 8, Angular, Web API, Typescript, jQuery, Bootstrap, Knockout.js, Kendo UI, DevExpress, CSS, HTML5, WEB API, SignalR, Require.js, Redis Cache, SQL Server, Oracle, PL/SQL SOA, Docker, SonarQube, PowerShell, Kibana, Elasticsearch, Scrum, TDD, MS Unit Test, WPF, TFS Builds, ActiveMQ, Kafka, Confluence, Jira, Dynatrace

1. **Senior Software Designer (Commercial Loans Team) at IBTech (QNB Finansbank Subsidiary), Jan 2016 – Jul 2017**

I was responsible for development and design and maintenance following projects

* Re-design and migration external “Moody’s Risk Analyst” System to Core Banking Scoring System
* Customer risk analytics and behavioural scoring system for customers and cheques
* Re-design and migration project of SME customers scoring engine from Windows NT Server Environment to JVM based Core Banking

Tech Stack: Core Banking Framework Infrastracture / Development, Web, ASP.NET MVC, C#, WPF, Architectural Design, Customer Scoring, Moody’s Risk Analyst, Credit Risk, MVVM, Multithreaded Batch Operations, SQL Server, Oracle, SOA, Jasper Report, SonarQube, PowerShell, MS Unit Test, Experian, Code Review, Mentoring to Development Team

1. **Senior Software Engineer (Cards and Payment Systems) at IBTech (QNB Finansbank Subsidiary), Jan 2014 - Jan 2016**

I was responsible for development and design and maintenance following projects

* ATM Login by SMS without card
* Transformation project for new SMS and e-mail messaging system from legacy
* Development of ATM - Core Banking Dispatcher Infrastructure.
* Money exchange and commission transactions for other bank ATM transactions
* Designing user interfaces for Credit Cards Software Applications for Core Banking Applications and Online Internet Banking

Tech Stack: Java 8, Spring Boot, C#, WPF, ISO8583 messaging, Multithreaded Batch Operations, SQL Server, Oracle, SOA, Jasper Report, SonarQube, TDD, TCP/UDP, TFS, Power BI, JavaScript, WEB API

1. **Senior Software Engineer (Corporate Applications) at IBTech (QNB Finansbank Subsidiary),** Jun **2012- Jan 2014**

I was responsible for development and design and maintenance following projects

* Secret document sharing system between QNB Finansbank and (Moody’s, J.P. Morgan, Merrill Lynch)
* FINANSPEDIA (SharePoint based QNB Finansbank document management system)
* FINCAS (SharePoint based credit document repository),
* HTS (Law rules and case management system)
* Human resource appraisal system of QNB Finansbank, used by 10K employee

**Tech Stack:** C#, ASP.NET Core, Web API, SharePoint, WCF Services, JavaScript, jQuery, Twitter, DevExpress, CSS, SQL Server, Oracle, Crystal Report, SonarQube, PowerShell, Scrum, TDD, TFS, Entity Framework, Active Directory, LDAP, Power BI, TDD, SOLID

1. **Software Engineer at Ford Motor Company, Mar 2008 - Jun 2012**

I was team leader of Ford Turkey - Sakarya University Software Development Team and responsible for development and design of following projects.

* Development online vehicle configurator application with Ford UK Team & Online test drive and service booking application
* CRM projects, public web applications ([www.ford.com.tr](http://www.ford.com.tr) ) & Customer satisfaction tracing system
* New generation dealer and management system & ERP applications for vehicle production line

**Tech Stack:** C#, ASP.NET Core, WCF Services, JavaScript jQuery, DevExpress, CSS, SQL Server, Oracle, Crystal Report, PowerShell, Scrum, TDD, MS Unit Test, Entity Framework, SharePoint, TDD, SOLID

1. **Web Developer - Research Student (Web Development Team) at Sakarya University,** **Jan 2007 - Mar 2008**

I was PHP developer for Sakarya University Campus Information System Project

1. **Founder at FindSpeak.com, Jan 2015 – Present**

I developed finspeak.com in my free times. It is single page application for language learners.

# Education

BSc Computer Engineering at Sakarya University, 2005-2009 (Grade:3.14/4.00) – Honoured Student Award)

# Hobbies & Interests

Entrepreneurship, Start-ups, Economy, International Tourism, Camping in The Nature, Swimming