# Curriculum Vitae

## Personal information

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| First name(s) / Surname(s) | **Kenan HANÇER** |
| Address(es) | London – United Kingdom |
| Telephone(s) | 00447963374844 |
| E-mail | kenanhancer@gmail.com / kenanhancer@hotmail.com |
| LinkedIn | https://www.linkedin.com/in/kenan-hancer/ |
| Blog | http://kenanhancer.com/ |
| GitHub | https://github.com/kenanhancer |
| CodePen | https://codepen.io/kenanhancer/# |
| JSFiddle | http://jsfiddle.net/user/kenanhancer/fiddles/ |
| Date of birth | 11/03/1984 |

## DevOps experience

ECS, ECR, Ansible, CloudFormation, Cloud Foundry, Vagrant, Jenkins

## Work experience

**Cinch, United Kingdom** London
Car Finance, IT

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|---|---|
| Date | **Feb 2021 – April 2021** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Some technologies I have used are Node.js, TypeScript, Serverless Framework, React, React hooks, Redux, Jest, AWS – Lambda, Step Functions, API Gateway, Event Bridge, SQS, S3, SNS, Dynamodb, CloudWatch, CloudFormation, Docker etc. I also developed an open-source lambda middleware engine with TypeScript as below link. |

**https://github.com/nodejs-projects-kenanhancer/typescript-lambda-middleware-demo**

**Lloyds Banking Group, United Kingdom** London
Banking, IT

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|---|---|
| Date | **Nov 2018 – Mar 2020** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Development and Maintenance of Open Banking System and I was technical lead of the team. Some technologies which I have used Node.js (REST API using Loopback API framework), TypeScript, React, Redux, Jest, Mocha, Chai, Chai-http, Cucumber, Supertest, Sinon, Swagger(Open API), Cloud Foundry(Deployment of microservices to dev, test, uat environments), Jenkins Build Server(Programming experince with Groovy script), Docker, Docker Compose, Kubernetes, Vagrant, Splunk(Log monitoring), MongoDB, Redis, Memcached, Kafka, Spark, Java and Spring Boot, IBM Bluemix, IBM UCD(UrbanCode Deploy Management Tool), IBM API Connect(knowledge of DataPower Gateway and programming experience with Gateway Script). I developed Microservice based Open Banking payment services with TDD and BDD strategy. |

I was using Cloud Foundry to push microservices in IBM Cloud. Apart from that, I was using for purpose of Healt Check, App State, Usages of memory, cpu and disk of app, viewing environment variables of app, listing domains, orgs, routes, quotas. I have also created a new custom buildpack for jenkins server(link is below)

In addition to this, I developed a Dependency Injection Framework (nut-ioc) for the Node.js projects from scratch. So that, we could decouple any dependency in our services. For example, we could switch between Loopback or Express Web Framework without affecting our business logic. We could apply Aspect Oriented Programming. As a result, we could decrease development time, had more testable modules, and many benefits of Dependency Injection Pattern and Aspect Oriented Programming paradigm. You can reach repositories as below. I have developed a D3 microservice tree and link is below. More details is in my personal blog (www.kenanhancer.com) and github repositories.

Cloud Foundry Jenkins Build Packs
https://github.com/kenanhancer/jenkins-buildpack
https://github.com/kenanhancer/jenkins-buildpack-1

Kubernetes Posts
https://kenanhancer.com/2019/09/24/kubernetes-configure-kube-config-to-use-multiple-clusters/
https://kenanhancer.com/2019/09/08/kubernetes-multi-node-cluster-with-one-updated-vagrant-file/
https://kenanhancer.com/2019/05/30/kubernetes-single-node-cluster-with-minikube-and-vagrant/

Npm links
https://www.npmjs.com/package/nut-ioc
https://www.npmjs.com/package/nut-pipe
https://www.npmjs.com/package/nut-swagger

D3 link
https://kenanhancer.com/2019/09/27/microservice-treeview-with-d3-data-driven-development/

**BookingTek, United Kingdom** London
Hospitality, IT

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| Date | **May 2018 – Sep 2018** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Maintenance of AWS Cloud operations(EC2, ECS, ECR, Dynamodb, Elasti Cache, Code Commit, S3) I have created Jenkins build server in ECS as a container and all server builds could deploy Docker images of projects to ECR and later create Docker containers from images. In addition to this, I have created Kubernetes cluster in EC2 and we could manage our containers easily. I also created a .NET Core backend project which is integrated to Oracle Simphony(Hospitality) Product from stratch. Some technologies used in that backend are Castle Windsor, Dynamodb, Elasti Cache(Redis), RabbitMQ(Messaging). Microservice Architecture pattern is generally implemented. In addition to this, I have made refactoring in an existing project which named Table Reservation system. |

**beIN Media Group, Turkey** Istanbul
Broadcast Media, IT

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|---|---|
| Date | **October 2016 – February 2018** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Maintenance of beIN AWS Cloud and Local system infrastructure. |

I developed a Node.js web application with Express framework to test login web application.
Technologies used are Node.js, NPM, Grunt Task runner, etc.)
Lastly I developed new CRM enterprise web application of company with Node.js and Reactjs, Redux, Webpack, etc.
For server side, I used .NET Core Web API, I have developed my IoC Container, Rest based Http web server, Login(IAM), ORM, Pipeline application, etc.
Server side and client side were working on Docker container separately. I used Jenkins for test and deployment.
I integrated Apache Zookeeper for Service configuration

**DIGITURK, Turkey** Istanbul
Broadcast Media, IT

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| Date | **November 2014 – October 2016** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Maintenance of Digiturk AWS Cloud and Local system infrastructure. |

I developed a service engine with WCF which worked on configurations. It was working on Amazon and local servers integrated with each other. It could serve SOAP based and REST based services. In addition to this, I have developed login system with Open Authentication protocol.
It was integrated with third party companies such as Sky, Foxtel, Super soccer, Samsung, Apple, Facebook, Line, Instagram, etc.
This security system was working on several stores such as Redis, AWS Dynamodb, AWS ElasticCache, AWS SQS, Oracle, MySQL, etc. in order to support high availability, fault tolerant, scalability and flexibility.
I also developed a custom solution for company based trouble. It was a windows and console based application for Continuous Integration and development. In order to do this
This application could execute Python, Node.js, Powershell, Java and C# scripts asynchronously.
It could set up any service environment (test, pre-prod or prod) in developer and tester machine easily.
After that, developers or testers could execute their own scripts in order to debug or confirm unit tests.
All these scripts were in TFS so that they could check-in new script or get latest version of any script.
I used Jenkins scheduled jobs in Live environment to work all scripts together in order to detect problems and notify related units.
To monitor services, I set up ELK stack so that we could monitor logs via Kibana.

**KLIKSA, Turkey** Istanbul
Ecommerce, IT

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|---|---|
| Date | **June 2014 – November 2014** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Maintanance of Klisa.com infrastructure. I was developing front-end and back-end |

Technologies used are AngularJS, JQuery, Grunt, LESS, Bootstrap, C#.NET, ASP.NET MVC, WCF, Couchbase, Oracle, SQL Server etc.

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**AVEA, Turkey**  Istanbul
Telecommunications, IT

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| Date | **July 2013 – Jan 2014** |
| Position held | **Senior Business Analyst** |
| Main activities and responsibilities | Analysing business requirements and creating configuration files according to those needs. Transferring all those config files to the billing systems (BSCS) of Avea. I also develop Campaign management web application with Sencha so that all configuration steps are automated. |

**EagleMobile & ALBtelecom, Albania**
Telecommunications, IT

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| Date | **Dec 2009 – July 2013** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Analysing business requirements and developing inhouse software applications according to those  needs,including external GUI (Back End Software) developments and Mobile web client developments, as well as testing of these developments. Integrating all those applications to the billing systems (Infonova and Amdocs) of Albtelecom and EagleMobile. And participating as a member of transformation development team for integration of inhouse developed applications to the newly transformed SAP systems( CRM, Billing ). |

Some applications that I developed are CallCenter Web application, Dealer management Web application, Sales office Web application,
Notification Engine, Service Infrastructure with WCF, InHouse Monitoring Applications,
SAP Forms and service integrations, Traffic camera with Mobile application, etc.
Technologies I used are C#.NET, ASP.NET MVC, WCF, WPF, WF, PHP, Powershell, Oracle, SQL Server, Javascript, Sencha(extjs), EJS(Javascript Template engine), Legacy Java Projects, etc.

**Metus Teknoloji, Turkey**  Istanbul
IT

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|---|---|
| Dates | **Jan 2009 – Dec 2009** |
| Position held | **Senior Software Engineer** |
| Main activities and responsibilities | Analysing all CRM and ERP systems. Technologies I used are C#.NET, ASP.NET, Windows Forms, WPF, Javascript, JQuery, Oracle etc. |

**Tepum Sigma, Turkey** Istanbul
Banking, IT

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|---|---|
| Date | **Feb 2008 – Jan 2009** |
| Position held | **Software Developer** |
| Main activities and responsibilities | I was developing front-end application. Technologies I used are C#.NET, ASP.NET, Javascript, Jquery, Oracle, SQL Server etc. |

**Hostamedia Bilişim Teknolojileri, Turkey** Istanbul
Ecommerce, IT

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|---|---|
| Date | **Oct 2007 - Feb 2008** |
| Position held | **Software Developer** |
| Main activities and responsibilities | I was developing front-end and back-end. Technologies I used are C#.NET, ASP.NET, Javascript, JQuery, SQL Server etc. |

## Education and training

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| Dates | 2002 - 2007 |
| Title of qualification awarded | BA in management |
| Principal subjects/occupational skills covered | Business Management, Statistics for Business, Managerial Economics, Accounting, Operations Management, Marketing Management, Financial Management, Strategic Management, New Economy and E-Business, Project Management |
| Name and type of organisation providing education and training | **Fatih University**, **Turkey** Istanbul |

## Personal skills

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| Mother tongue(s) | **Turkish** |
| Second Language | **English** |

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| Computer skills and competences | Programming Language (C#.NET, NodeJs, JavaScript, TypeScript, [Java, Spring Boot, Python] mid-level, PHP, VB.NET, VBA), Client-side (JQuery, AngularJS, ReactJS, ExtJS, EXT.Net,Bootstrap, Foundation, SASS, SCSS, LESS, etc.), RDBMS (Oracle, PostgreSQL, MySQL, Microsoft SQL Server, Sqlite, etc.), NoSQL(Redis, Memcached, [MongoDB, Cassandra] for personal projects, Couchbase, DynamoDB, etc.), Messaging systems(RabbitMQ, Kafka, Amazon SQS, etc.), ElasticSearch, Hadoop, MapReduce, Hive for personal projects, Zookeeper, Amazon services. Linux experience. TDD and BDD, OAuth, Git, Jira, Source Control (TFS, GIT), PowerShell, Bash, VMware, Ansible, Vagrant, Jenkins, TravisCI, Kubernetes, AWS ECS, Docker Experience. Experience of the full project lifecycle. Integrating with cloud services. Good knowledge of relational databases and SQL. Experience on development of extremely large scale web and client server applications as well as SAAS and cloud-based products. Providing coaching and support to other team members to increase the overall team capability to build high value and quality solutions. Collaborate with the Team and Product Owner. Source code management: versioning, branching, merging, build and packaging. |

Good use of Amazon Web Services (EC2/Lambda/RDS/Dynamo/ElastiCache/SQS/CloudSearch/ECS/Code Commit/etc.) and DEV OPS skills.

Some other cloud experience on Microsoft Azure, Google Cloud and IBM Cloud.

Some Azure experience like Microsoft Kubernetes Service(AKS), Azure Pipelines, Azure Cache for Redis, Azure SQL Database, Azure Database for MySQL, Container Registery, Container Instances, Azure Functions

Ability to explain technologies and solutions to technical and non-technical stakeholders. Strong core coding skills including multi-threading. Experience with distributed and scalable computing. Strong knowledge of software implementation best practices. Ability to adapt quickly to an existing, complex environment. Ability to quickly learn new concepts and software is necessary. Lastly, I also have some open source projects which are published in GitHub, NPM, and NuGet.
http://kenanhancer.com/
https://github.com/nodejs-projects-kenanhancer/nut-ioc
https://github.com/nodejs-projects-kenanhancer/nut-swagger
https://github.com/nodejs-projects-kenanhancer/nut-ioc-basic-demo
https://codepen.io/kenanhancer/
http://jsfiddle.net/user/kenanhancer/fiddles/
https://repl.it/@kenanhancer
https://github.com/kenanhancer/ReactJSDemo1
https://github.com/kenanhancer/Uni.IoC
https://github.com/kenanhancer/UniCorn.IoC
https://github.com/kenanhancer/UniCorn.Http
https://github.com/kenanhancer/SimpleHttpServer
https://github.com/kenanhancer/EventMonitoring
https://github.com/kenanhancer/Uni.ORM
https://github.com/kenanhancer/UniCorn.Orm
https://github.com/kenanhancer/Uni.Extensions
https://github.com/kenanhancer/Uni.Schedule
https://www.nuget.org/profiles/kenanhancer/

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| Driving licence | Holder of Turkish and UK driving license. Category B and A2 vehicles. |