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SUMMARY

In my 14 years career, I've delivered several projects for a range of diverse domains such as sales, integration, collections and business user experience. With a user/customer focused approach, I have dealt with the challenges of budget, incomplete requirements and tight schedules. Always aimed to deliver big value in small chunks and sought for small wins by trying to understand the big picture.

WORK EXPERIENCE

- Enterprise Architect in **Octopus Investments,** London UK / (2 years) 2017 Feb - 2019 Apr

  A data/tech driven fintech company.

Main responsibilities:

- The **transformation** of current **on-prem legacy systems to cloud services** including the infrastructure and networking design, offering **PaaS** solutions, offering integration to **SaaS** solutions
- Definition of **guidelines and standards** to promote the new development/architecture conventions
- Establishment of the **DevOps** culture including CI/CD, the **automated infrastructure** tools to existing teams
- Construction of the framework for team collaboration for both in-house and **offshore team**s
- Management of **application architecture, integration principles and common architecture repository**
- Delivery of solution concepts, estimations and integration architecture for group-wide and local projects and programs
- Enablement of **greater productivity** and reduction of '**time to market**' by **agile** transformation
- Streamline of day to day activities for key business stakeholders
- Make of **a secure, stable and supportable** environment available
- Guidance for **stakeholders**, partnering with **product owners**, **ux designers** and **leading tech teams**
- Specification of **technical design**. **development methodology**, and **business impact assessment**
- Partnerships across **business**, **applications** and **infrastructure** domains for solution delivery
- **Helicoptering** over overall design to assess interdependencies (50K feet view)

Key activities:

- Defining principles with **contract driven** microservices and **event sourcing** architecture
- Hands on software development using **.Net Core** where necessary
- Definition of **sync**, **async** ops over **HTTP**, **pub-sub** and **producer-consumer** ops over AMQP
- Designing and architecting **POC**, **prototypes**, **mvp**, and end products with iterative **roadmapping**
- **HLD**, **LLD** and solution sketches documenting and sign-offs
- **Functional** and **nonfunctional** requirement specifications and sign-offs
- **SDLC** pipeline definitions and management
- Defining **CI/CD** pipelines using **Travis+Jenkins** and **Azure DevOps(VSTS)**
- **Digital/Cloud transformation** using **Azure and GCP** and **legacy decommissioning** into and **API network** and **ESB (Azure Service Bus)**, **containerisation** and virtualisation using **AKS, GKE**
- Leading **UX driven**, APIX driven software development
- Identity management with **Azure Active Directory** and authentication with **OAuth 2.0** with **JWT**
- Reducing time-to-market by following **Agile**: **POC**, **Prototypes**, **MVP** building and delivery
- Application of **SOLID**, **KISS** principles in software development and "fake it until you make it"

Achievements:

- Helped the **transformation** from **business driven company into technology driven company**
- **Managed stakeholders** with whiteboard sessions and involvement in agile process
- Increased the #portfolios processed **per year 220%**
- Created a strategy for **cloud transformation into Azure** and GCP
- Delivered 20+ microservices running on the cloud, 80+ scalable instances of services
- Re-constructed the entire **software delivery infrastructure** of Octopus Investments

Key Technologies:
Azure: App Engine, serverless with Azure Functions, PaaS DB, AAD, Key Vault, Identity Service, Cosmos DB, Azure Elastic Query and Worker Roles, Express Route, Azure Service Bus;
Google Cloud Platform: App Engine, Datastore, Pub/Sub, Stackdriver, Storage, Kubernetes Engine, Compute Engine, PaaS MySQL DB;
Containers and orchestration: Docker, Kubernetes, AKS, GKE;
Framework: .Net Core 2.0, .NET 4.5+, Angular and React; **Testing**: Karma, Jest, XUnit and Moq;
Automated testing: Selenium, Specflow, Gherkin, Postman, Newman, Swagger;
Documentation: Atlassian Confluence, draw.io;
Service communication: REST APIs and AMQP for ESB on Azure Service Bus, and Kafka on GCP;
CI/CD: VSTS, Jenkins, Travis;
SDLC: VSTS, Jira, Trello, Clubhouse, Taiga

- Senior Solutions Architect in **Charon Intl Trading,** London UK / (18 Months) 2015 May - 2016 Nov
  An e-commerce startup company
  - **Design Authority**
  - Hands on **implementation of the ERP system**
  - **User story creation** and management of **SDLC** using **Trello** and/or **JIRA**
  - Management of **business stakeholders** and their involvement in agile delivery process
  - Established a well structured, **message broker centralised microservices** environment
  - Clustering queues, exchanges and messages using **RabbitMQ**
  - Creating **App engines** and **APIs**
  - Utilising the **clustering, distribution** and **replication** of nodes and exchanges
  - Creating and managing in-house **ERP** system hosting on **Azure**
  - Used Azure services: **App**, **WebJobs**, **Functions**, **Storage services**, **AAD** and **Azure SQL**
  - Led the transformation from **legacy monolith** into **microservices**
  - Used MS stack: **ASP.NET MVC5** with .Net 4.5 with **EF Code-First**
  - Continuous integration and delivery with **Teamcity and Octopus Deploy**
  - Applied **SOLID** principles and **KISS**

- Technical Consultant in **LexLegal Intl Network,** London UK / (3 Months) 2015 Jan - 2015 Mar
  A startup company intending to create a global lawyers network
  - Acted as a consultant
  - Hands on developed the website and the CMS to manage the network
  - Hands on established the IT infrastructure

- Tech Lead in **i2i-Systems,** Istanbul TR / (4 Years) 2011 May - 2015 Jan
  A telecommunications software consultancy operating mostly in GSM area.
  - Delivered projects in different scopes by **architecting** and **hands on developing** them
  - **OSS/BSS** Solution design, **stakeholder management**
  - **International Telco projects throughout multiple companies**
  - Applied **SOA**, **ESB** and **domain driven design** wherever needed
  - Led teams with **Agile** and **Scrum**
  - Created and managed **HLD**, **LLD**, **SRS** and **solution sketch** documents
  - Established **whiteboard sessions** with clients and business stakeholders
  - Well assisted **billing operations**, **OSS**, **BSS** processes **on-site**
  - Successfully completed **data-migration** and **convergence projects** as a team member
  - Experienced a **300** people convergence project that is from **Huawei** BOSS into **Ericsson** BSCS
  - Acted as an **analyst developer**, a **project manager** and a **team lead** time to time whenever needed
  - Used **Oracle** stack: **Java**, **J2EE**, **EJB**, **JMS**, **JSF**, **Spring**, **Oracle DB Services**, **PL-SQL**, **XQL**
  - Deployed apps, services, systems and data apps into **on-premises** environments

- Lead Developer in **Nexum,** Istanbul TR | / (7 Months) 2010 Nov - 2011 May
- Software Developer in **Smart Gaming Group,** London UK | / (14 Months) 2009 Sep -2010 Nov
- Software Developer in **Triodor Intl,** Amsterdam NL | / (12 Months) 2008 Sep - 2009 Sep
- Software Developer in **Proksis Automation,** Izmir TR | / (2+ Years) 2006 Jun - 2008 Aug

SKILLS

- Customer focused system development & integration
- Agile Methodologies, Scrum, Lean, XP
- Design Authority
- Stakeholder management
- Technical leadership
- Message Brokers and orchestration of flows, API driven development
- SaaS, Iaas, PaaS, Cloud transformations
- Relational Database Systems, NoSQL, Data Cubes and DWH
- Web Development, HTTP Services
- OSS/BSS Solution design, HLD, LLD, SRS documentation

EDUCATION

- 2001 – 2006   Dokuz Eylul University – **BSc. Computer Science** / Turkey

CERTIFICATIONS

- Ericsson Recognition Certified Oracle Data Migration Consultant
- TM Forum Certified Business Process Development Consultant
- TM Forum Certified Application Integration Architect

PERSONAL INTERESTS

- Dissertation project was ML Naive Bayes Spam filtering, that fire has not yet died; still interested in Neural Networks and other Machine Learning algorithms
- I made 35000 miles with my chopper cruiser (Suzuki Intruder C800) bike in less than 2 years. Destination is not important, bikers love roads! Ursula K Le Guin said in *The Left Hand of Darkness*: "It is good to have an end to journey toward; but it is the journey that matters, in the end."
- I would like to be a member of Prince Charles Cinema. I like boring European films. Haneke is my favourite.

References will be provided when asked.