Mechmet Fetchi Ozdol

AWS Solutions Architect

🔗 thisismypattern.com

An AWS Solutions Architect with 15 years cross-functional experience across multiple industries. EU national, UK Indefinite Leave To Remain. Please contact to enquire Security Clearance.

📍 London, W2, UK

Work

eCreation Media Technology
www.ecreationmedia.tv

AWS Solutions Architect
Jan 2024 – Present

eCreation Media provides software solutions to top UK media industry companies. Whilst at eCreation, I have worked with multiple clients as an AWS Architect to deliver media software in AWS cloud.

- Multi-award winning British broadcasting company: Modernising their media broadcasting platform by using AWS serverless stack to integrate their vendor provided media broadcasting software with other systems in AWS cloud.
- UK top media data communication and transmission provider: Supervising new feature development on their linear and non-linear content interchange platform, which uses AWS Elemental Services including MediaConnect, MediaLive, and MediaPackage.

Xecuta
www.xecuta.co.uk

AWS Solutions Architect
Feb 2024 – Present

Xecuta aims to provide Software as a Service offerings for small-medium business' affordability. I act as the Chief Architect in the company during my off-contract working hours and I lead the company's SaaS products development.

- Built a SaaS called 'RPA Farm' from scratch in AWS Cloud. The service provides 24/7 service for 3 UK insurance companies.
- Built a SaaS called 'Document Analysis Service' from scratch in AWS Cloud. The service provides 24/7 service for 1 non-UK small business.

Synapx
www.synapx.co.uk

AWS Solutions Architect
Jun 2022 – Dec 2023

Chief Architect in the company's IT consultancy projects in AWS and Azure. I also took up short outside IR35 contract roles through Synapx Ltd.

- Built the company's device management, security and compliance system using Microsoft Azure AD, Microsoft Intune, Microsoft Defender, and Microsoft O365
- Google Chrome Browser Management using Google Workspace and Cloud Identity
- Defined company standards and naming conventions for the company's tech inventory and environment management.

Accenture

Tech Arch Delivery Associate Manager
Jul 2019 – Jun 2022

AWS Solutions Architect and Cloud Engineer in Accenture AWS Business Group (AABG) UK and Ireland.

- Became AWS Certified Solutions Architect – Associate
- Became AWS Certified Cloud Practitioner
- Most Innovative Team in UK to participate at Accenture's Global V360 Awards 2020

Accenture
www.accenture.com

Advanced Application Engineering Specialist
Sep 2015 – Jun 2019

Team Lead in DevOps UK and Ireland group.

- Became Google Cloud Certified Professional Cloud Architect
- Obtained Technology Architect Associate in Accenture MTA programme

Garanti BBVA Teknoloji
www.garantibbvateknoloji.com.tr

Development Architecture Specialist
Jan 2014 – Aug 2015

Responsible for development standards, environments, and tooling for millions of lines of code in Java, C#, COBOL, PL/I.

Garanti BBVA Teknoloji
www.garantibbvateknoloji.com.tr

Senior Software Engineer
Nov 2009 – Apr 2013

Full stack developer for CRM, Sales, and Marketing modules for 6 million active retail and commercial banking customers.

Educations

Sabanci University, Türkiye
www.sabanciuniv.edu/en

Bachelor of Science, Computer Science and Engineering
Sep 2004 – Feb 2009

Projects

Media Broadcasting Platform | eCreation Media Technology

Jun 2024 – Aug 2024

Modernising a client's media broadcasting platform using AWS Serverless stack and vendor provided media broadcasting software.

Amazon API Gateway Lambda TypeScript Amazon SQS Amazon S3 Amazon EventBridge Bitbucket

Media Content Interchange Platform | eCreation Media Technology

Jan 2024 – May 2024

Supervising new feature development and providing cloud architecture design for the client's linear and non-linear content interchange platform.

Amazon CloudFront   Amazon API Gateway   Lambda   Python   Amazon EventBridge   Amazon SQS   Amazon S3
GitHub Actions   Terraform   MediaConnect   MediaLive   MediaPackage   MediaStore

RPA Farm | Xecuta   rpafarm.com

Feb 2024 – Present

RPA Farm is a software as a service (SaaS) that provides Robotic Process Automation (RPA) as a service (RPAaaS) with pay-per-use pricing model at 1 millisecond granularity. The service is built as fully serverless on AWS cloud and can execute Robot Framework scripts that can be self-managed or Xecuta-managed. It provides APIs for single or multiple task execution on demand. As Chief Architect, I designed and implemented its cloud architecture, built its delivery lifecycle and DevOps processes, and wrote backend code in Node.js and Python.

Amazon CloudFront   Amazon API Gateway   Lambda   TypeScript   Node.js   Python   Amazon DynamoDB
Amazon SQS   Amazon EventBridge   Amazon Cognito   Amazon CloudWatch   Terraform   Azure DevOps
SonarCloud   checkov.io

Document Analysis Service | Xecuta   www.xecuta.co.uk

Feb 2024 – Present

Document Analysis Service is a software as a service (SaaS) that can extract text from documents and images. Unlike its counterparts, it aims to be the most cost-effective service on the market thanks to its pay-per-use pricing model at 1 page granularity. The service is built as fully serverless on AWS cloud and it can integrate with Amazon Textract or Google Cloud DocumentAI for complex use cases that require Machine Learning or Generative AI. It provides APIs for single or multiple page processing on demand. As Chief Architect, I designed and implemented its cloud architecture, built its delivery lifecycle and DevOps processes, and wrote backend code in Node.js and Python.

Amazon Textract   Google Cloud DocumentAI

Public Health | Accenture   www.accenture.com

Jun 2021 – Oct 2021

As Platform Engineering Lead, managed a cloud engineering team of 5 and coordinated 10s of releases and provided 24/7 BAU support for supplying COVID-19 tests to care homes.

Amazon EC2   AWS EKS   Amazon CloudFront   Amazon API Gateway   Lambda   TypeScript   Amazon DynamoDB
Amazon SQS   Amazon Cognito   Amazon CloudWatch   Docker   Kubernetes   Terraform   Azure DevOps
Terragrunt   cdktf   SonarQube   checkov.io

Global retail banking and financial services company | www.accenture.com
Accenture

Oct 2021 – Jan 2022

As DevOps Lead, Designed software delivery lifecycle processes, infrastructure-as-code, and CI/CD pipelines for one-click delivery of a multi-region application architecture to migrate their contact centre to AWS.

Amazon Connect   Amazon Lex   Lambda   Node.js   Amazon DynamoDB   Amazon SQS   Amazon SNS
Amazon CloudWatch   Terraform   GitHub   GitHub Actions

UK Top-5 retail group | Accenture

Jun 2021 – Oct 2021

As Solutions Architect & DevOps Lead, cloud migration of 5 applications from on-premises data centre to AWS.

Amazon EC2 Amazon RDS for PostgreSQL Cloud Endure GitHub Jenkins AWS CloudFormation
AWS EC2 Image Builder

Public Health | Accenture

Nov 2020 – May 2021

As Solutions Architect & DevOps Lead, helped to save lives with a new COVID-19 rapid test finder map solution for the public. The solution has a state-of-art cloud native architecture with CI-CD pipelines fully implemented in AWS. First release in just 8 days and went live at a national scale in just 3 weeks.

Amazon CloudFront Amazon API Gateway AWS Lambda Node.js Python Amazon DynamoDB
Amazon SQS Amazon EventBridge Amazon Cognito AWS CloudFormation Amazon CloudWatch
AWS CodeCommit AWS CodeBuild AWS CodePipeline

Internal shared services | Accenture

Jan 2018 – Nov 2020

As Lead Technical Architect, increased developer productivity by 50%, reduced time to market by 30% and reduced operational costs by 50%. Rearchitected the cloud architecture, upgraded the runtime environment from Docker Swarm to AWS EKS. 10s of containerised Java microservices, 600+ pods across 3 clusters. The solution served 100+ clients in many industries at 99.999% availability with all infrastructure and licensing costs at only $3k per month. Led the development team of 12 across 3 geographies, oversaw and guided their transformation into a multidisciplinary Agile team.

Amazon EC2 AWS EKS DynamoDB Aurora Serverless ElastiCache Application Load Balancer
Ambassador API Gateway NGINX Ingress Controller oauth2-proxy FluentBit AWS CloudFormation
Bitbucket Jenkins Docker Packer Prometheus Grafana SonarQube Azure Active Directory Cucumber
Selenium Locust

Large multinational investment company | Accenture

Jan 2018 – Nov 2020

As DevOps Team Lead, reduced infrastructure costs by 40% and cut operational costs by 50% with a reusable and cloud agnostic solution for Micro Focus tools, which makes it possible to provision all environments and CD pipelines in less than a day.

Micro Focus Enterprise Server on Amazon EC2 IBM DB2 on Amazon EC2 Ansible Jenkins SonarQube
ElasticSearch

Accenture Post-Trade Processing (APTP) | Accenture

Sep 2015 – Dec 2017

As DevOps Team Lead, technology delivery and BAU support for multiple global financial services companies.

Java Amazon EC2 Amazon RDS for Oracle Amazon RDS for Microsoft SQL Server Chef Jenkins Nagios

Skills

AWS

IAM S3 KMS EFS EC2 EC2 Image Builder EKS
ECS Fargate ELB VPC WAF Transit Gateway
PrivateLink VPN CloudFront API Gateway
AppSync Route 53 Global Accelerator Cognito
SQS SNS SES EventBridge Lambda
Secrets Manager X-Ray CloudTrail CloudWatch
Config Systems Manager Trusted Advisor
GuardDuty Kinesis Athena Glue QuickSight
Textract Amazon Connect MediaConnect
MediaLive MediaPackage MediaStore

DevOps

Docker Kubernetes Terraform Terragrunt cdktf
AWS CDK AWS CloudFormation AWS CodeCommit
AWS CodeBuild AWS CodePipeline Azure DevOps
BitBucket GitHub Ansible Chef

Database

Amazon DynamoDB Amazon Aurora Amazon RDS
ElastiCache MySQL Oracle Microsoft SQL Server
IBM DB2

Programming

Node.js JavaScript TypeScript Python Golang
COBOL PL/I Java Unix Shell PowerShell

Languages

Turkish

Native speaker

English

Fluent