Barış Aydek

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Professional Summary

Senior Software Developer with extensive experience in backend
technologies, API integrations, and cloud-based solutions.
Renowned for technical expertise in solution architecture,
particularly in AWS, and proficiency in TypeScript. A curious
and innovative professional, known for consistently exploring
and implementing new technologies to drive project success.

Work expreriences

2017–2023, **Senior Software Developer, Comtravo (Acquired by Navan)**
Berlin

- Recognized as technical rockstar, advancing rapidly from
  Junior Developer to Senior Developer
- Refactored critical modules such as invoicing to enhance
  maintainability while addressing its bugs by working closely
  with Product and Finance teams
- Known for expertise in solution architecture, especially in
  AWS environments, leading to robust and scalable systems
- Designed and implemented JWT based security mechanism for
  backend API endpoints
- Instrumental in integrating advanced backend services with
  major service providers like booking.com, Sabre, and Amadeus
  by leveraging AWS services such as SNS/SQS events, Step
  Functions and Lambdas.
- Designed MongoDB schemas, models and libraries for various
  backend and frontend services
- Trained and mentored junior developers and engineers, teaching
  skills in programming and worked to improve overall team
  performance
- Consistently delivered high-quality solutions, known for
  reliability and innovative problemsolving
- Worked closely with QA and Infrastructure teams for
  streamlined delivery
- Played crucial role in integrating Node.JS services into Java
  stack by implementing adaptors and using Kafka queues.
- Helped integrating Auth0 Cloud Authentication into existing
  system, responsible from designing SSO modules and writing
  infrastructure as code

2013–2016, **Software Developer, Amadeus R&D Istanbul**
Istanbul

- Played key role in developing Amadeus e-Power online booking
  engine which used by worldwide 1000+ booking portals
- Managed application configuration, code security, and web
  service modules development
- Integrated Jenkins for continuous integration, significantly
  improving deployment efficiency
- Flight, hotel, payment, web service module features including
  both backend and frontend side

2012–2013, **Software Development Specialist, Gezisitesi.com**
Istanbul

- Played important role on maintenance and support
- Joined another team to develop new backend and frontend
  applications, using SOA principles and technologies

2010–2012, **Software Development Specialist, Cronom**
Istanbul
- Responsible for development of OttO, XML–based ASP.NET framework which empowered customers to create web screens and forms, manage data, and establish workflows effortlessly
- Supported product team with fixing bugs and developing new features. During that time, my knowledge on code base and architecture also increased and was able to work on more challenging problems including concurrency issues
- SOA was heavily used by leveraging .NET and WCF
- Worked as consultant in important Turkish companies such as Coca Cola İçecek, GlobalBilgi (Turkcell), Abdi İbrahim and Ulaşım A.Ş and helped customers to integrate products to their existing solutions

Education

2005–2009 **Computer Engineering,** Pamukkale University

- 3.04/4 GPA

1997–2005 **İzmir Milli Piyango Anatolian High School**

- English

Technical skills

- Amazon Web Services
- MongoDB, Mysql
- Git, Docker, Jenkins, Terraform
- Javascript (Typescript), C#, Java
- Node.js, Java Spring, ASP.NET

Open Source Projects

- Check out my nostr application to fetch nostr events and transform them into markdown lists to be published again as long formatted notes using Nostr Web : Github link
- BTCPay Server: Blink API integration PR: Github link

Courses and Seminars

- OOP & Design Patterns / BTAkademi, 32 hours
- Advanced C# / BTAkademi, 50 hours
- Enterprise Design Patterns / BTAkademi, 32 hours
- Enterprice Library 5.0 / BTAkademi, 10 hours
- WCF / BTAkademi, 18 hours
- ASP.NET MVC Framework / BTAkademi, 18 hours
- Windows Azure/ Microsoft, 24 hours

Certificates

- Fundamentals of Application Security / Team Mentor (Score: 92/100)
- Learning how to learn / Coursera (Grade Achieved: 92.4%)
- Functional Programming Principles in Scala / Coursera (Grade Achieved: 96.0%)