
INTRO

With over 15 years of dedicated experience in the field of software development, I am well-equipped to help bring your innovative ideas to life. My journey in the technology sector has encompassed various roles and responsibilities, ranging from leading startup and enterprise teams to architecting cutting-edge projects with the latest tech stacks.

TECHNICAL EXPERIENCE

Programing Languages: Typescript, Dart (Flutter)

Significant Frameworks & Skills: AWS with Serverless focus, Next.js, Supabase, Langchain, OpenAI

Interests: Human relations & Psychology, giving seminars about communication & relationship.

Certificates: AWS Certified Solutions Architect Associate (Oct.2019)

EMPLOYMENT

Founder, Development Consultant mek.dev **11.2023 – Still**

- Crafting innovative solutions that address real-world challenges and deliver meaningful value to customers and stakeholders.
- Guiding businesses in achieving their technological objectives, fostering growth, and staying ahead in today's dynamic digital landscape.
- Developing end to end solutions to various companies.

CTO [Popupsmart](https://popupsmart.com) **08.2022 – 11.2023**
Remote / TR

- Defined and communicated the long-term technical vision and goals for the company with founders and investors.
- Built a team of 7 devs, encouraged innovation and continuous learning among team members.
- Established coding standards and conducted regular code reviews to maintain code quality.
- Helped developing [LiveChatAI](https://livechatai.com) in less than two months using **Next.js**, **Vercel DB**(neon.tech) and **Langchain**
- Skills: **Next.js**, AWS **CDK/Lambda**, **PostgreSQL**

Software Development Team Leader [Turkish Airlines](https://turkishairlines.com) **2016 – 2020**

- Developed full-stack solutions for various departments in the Lean Software Development Team.
- Lead development of Boti, Turkish Airlines' multiplatform chatbot.
- Lead Turkish Airlines Mobile Application team, & cloud migration of mobile applications' backends to AWS.
- Developed a serverless push notification platform for internal use. Reduced integration time to mins from hours.
- Some of the projects,
 - **air.tk (2020)**. Link shortener service for internal use. Serverless **NodeJS** backend with **DynamoDB** on AWS
 - **Boti (2020)**. Serverless NodeJS backend on AWS for webhooks and Dialogflow fulfillment. DynamoDB for user data, **step functions** for timed messages. Integrated with WA, FB Messenger, Telegram, Bip. Try from wa.me/908503330849?text=Hi
 - **Widen Your World App (2019)**. Flutter App showing destinations & gamification. Not published.

Developer, Founder [Navek Technology](https://navektechnology.com) **2013 – 2016**

- One of the 100 companies founded with Government Fund among 1k+ applicants.
- Designed Crowd-Source Mobile Application Testing platform. Awarded as finalist in 3 different contests among 500+ participants. Won 2 different nation-wide entrepreneurial contests. Pitched to investors and the public.
- Learned and implemented Lean Startup as a leader, and developer. Developed 10+ different web, Android and iOS apps.

Senior Software Developer [AGMLAB](https://agmlab.com) **2012- 2013**

- One of the selected engineers to architect and implement software solutions for Integrated Financial Intelligence System in the Financial Investigation Unit of Turkey.
- Developed an online AML (anti money laundering) system reducing time required to send notices by 50%.
- Developed a Smart TV app monitoring server health, enabling real time detection of server failures.

Software Developer & Team Leader**GLOBSIS****2009 - 2012**

- Reduced integration code effort by 90% designing and developing an internal Mobile Transaction Processing API
- Managed and developed an internal content search engine written using Lucene serving 50M+ requests/day.
- Built an ad Engine requesting ads from 20+ advertiser networks, replies within 175ms having 150M+ req/day.

FREELANCE & SIDE PROJECTS

- **Quran Research App (202)** A **Flutter** web+mobile app with Supabase backend to read daily verses with a group of friends. Add tags and notes to better understand the Quran. (will be released on iOS + Android soon)
- **Classroom Scheduling App (2023)** A flutter web+mobile app to schedule classrooms for education. Instructors rent available classrooms and keep track of their reservations through it.
- **Sensa(2020)** Self Guided Tour app mvp refactored with latest **React Native** version and React Native Router
- **Mobilgi Survey App (2020)**. An offline first survey application built with **Flutter**. Released as an enterprise app
- **Decathlon Turkey HR Platform (2020)**. **React (Typescript)** HR Staff Panel, **Gatsby** candidate website, **serverless NodeJS** backend (Lambda + API Gateway) on **AWS**. Candidate site reachable at mek.dev/decathlon-hr
- **Decathlon Customs Pipeline (2019)**. Serverless data pipeline app running on AWS. **Lambda, S3, SQS. Flutter Web** admin dashboard for statistics and analysis.
- **Evrad App (2019)**. A book app built with **Flutter**. Available on App Store & Google Store. mek.dev/evrad
- **Shalamo, chatbot for Fitness Clubs (2018)**. Worked remotely as a part-time architect and developer. Used Dialogflow supported with Serverless NodeJS backend. Written in **TS**. Used **Appsync, Serverless Aurora**.
- **Decathlon Spending Survey App (2018)**. App used at stores in Turkey, Tunisia, and Morocco. Running on a serverless backend. Android (Migrating to **Flutter**), Serverless on AWS with NodeJS backend, Aurora MySQL

EDUCATION**Ankara, TURKEY****Middle East Technical University****2011 - 2013**

- M.S. in Information Science - Discontinued
- Graduate Coursework: Lean Startup and Customer Development; Mobile and Pervasive Computing; Mobile Business; Fundamentals of Business; Cloud Computing; Virtual Reality; Game Development Pipeline

Ankara, TURKEY**Atilim University****2005 –2010**

- B.Sc. in Computer Engineering, June 2009. Finished with the highest GPA of the department with **3.86 / 4**. Completed in 7 semesters.
- B.Sc. in Electrical Electronics Engineering (Double Major), June 2010. Finished with the highest GPA of the department with **3.68 / 4**.
- Undergraduate Coursework: Software Patterns; Computer Architecture; Algorithms; Artificial Intelligence; Neural Networks; Knowledge Engineering