

# Furkan Tunalı Résumé

## Summary

I've been developing, designing and being passionate about web since the late nineties through a dial-up connection.

Recently focused on architecting cloud platforms and web, whether it's the back-end, dev-ops, platform development, front-end, mentoring, consulting or handling communication.

## Info

**Name:** M. Furkan Tunalı

**Available working permits:** Blue Card EU

**Current residency:** Berlin

## Contact

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- **[LinkedIn](#)**
- **[GitHub](#)**

## Experiences

- *Senior Software Architect* at **Société Générale Digital Factory, Berlin**

**09/2019 - 05/2020**

### **Some of my tasks were:**

- Building the technical vision
- Driving the adoption of the technical concept
- Trying to create a good DX (developer experience)
- Linking and ensuring compatibility of in-house services with parent company related services through communication and research
- Being sure of delivering stable and secure products on time
- Researching and building cloud integrations and maintaining engineered artefacts
- Contributing to building initial full-stack boilerplates of MVP
- Migrations of existing data structures into upcoming services
- Integrating fully automated continuous delivery, deployment and development
- Implementing testing strategies
- Participating in planning and hiring of a new development team from scratch
- Pair programming
- Mentoring or onboarding new members of the team
- Code reviews and gradually implementing linting strategies for code quality and consistency
- Automating semantic code versioning and conventions
- Working on containerisation and deployment strategies
- Researching and applying data storage

### **Some of the technology and services that I used so far:**

- Microsoft Azure, Github Actions, Node, Vue.js, TypeScript, Docker, WebPack, GraphQL, Apollo, Express, Cosmos DB, PostgreSQL, Azure Active Directory, Azure Functions, OpenID Authentication, Jest, Web Components, Stencil.js
- *Senior Back-end Architect at GameBook AG (Formerly Experimental Game GmbH), Berlin*

**09/2018 - 02/2019**

**Some of my tasks were:**

- Implementing and refactoring back-end services.
- Developing features as full-stack.
- Profiling performance bottlenecks.
- Working with containerization and development cycle.
- Improvement of dev-tools.
- Migrations of existing data structure.

**Some of the technology and services that I used so far:**

- Node, AWS, TeamCity, Docker, WebPack, GraphQL, Ramda, React, Redux, AWS, Express, MongoDB, Atlassian tools, Github, JSS, Sass
- *Lead JavaScript/Front-End Developer at Groupe Chantelle, Digital Lab, Berlin*

**08/2017 - 12/2018**

**Some of my tasks were:**

- Managing and being responsible for the actions of Front-end team.
- HR, interview, boarding and hiring process

- Modernizing front-end architecture without losing existing functionalities and values.
- Making sure codebase is improved and streamlined.
- Implementing code quality-assuring tools and automated of tests.
- Implement dev-ops tools and a new eco-system to act develop faster.
- Helping with the conversion from monolith systems into separated micro-services when possible.
- Following Agile methods.
- Reviewing codes.
- Migrating from Front-end to being a Full-stack team.
- Mentoring, inspiring, guiding or helping front-end team when possible.
- Helping to achieve being data-driven and implementing A/B testing solutions.
- Making sure the projects will be fitted into sprints and acting if they are not going as planned.
- Tracking the development of UI library for connecting the UX team and Front-end team components as a bridge.

**Some of the technology and services that I used so far:**

- Node, Magento, WebPack, React, GraphQL, Redux, FlowType, AWS, Koa, MongoDB, Babel, Functional Programming, Atlassian tools, Github
- *Universal JavaScript Engineer at Pixsy GmbH, Berlin*

**01/2017 - 08/2017**

**My responsibilities were:**

- Delivering new features on both ends with using JavaScript.
- Delivering code with the unit, integration and E2E covered tests.
- Maintaining or migrating existing features.
- Developing and maintaining micro-services.
- Improving our architecture and stack when it's possible.
- Integrating and maintaining data on Mongo, Stripe and Salesforce.
- Keeping an eye on app health with Heroku and Sentry reports.
- Following KANBAN with some Agile methods.
- Reviewing codes from our team's pull requests.
- Following our code conventions and guidelines.

**Some of the technology and services that I used:**

- Node, Lambda/Serverless, React, Redux, FlowType, AWS, WebPack, Webpack Isomorphic Tools, Koa, MongoDB, Babel, HighlandJS, Salesforce API, Mixpanel, Mocha, Chai, Yadda, Webdriver.io on top of Selenium, Stripe API, Sentry, Github
- *Software Architect and JavaScript Developer at Talented Square, CA*

**08/2015 - 08/2016**

**Some of the projects:**

- Front-end development for a giant multinational retail corporation's online wholesale seller portal which cannot disclose it's name but feel free to contact for the details.

**Some of the project skills:** JavaScript, Angular, AMD, Gulp, CSS, SCSS, HTML and a small amount of Maven and Jetty.

- Performance and architectural improvements and JavaScript development to an e-commerce website to the same company described above.

**Some of the project skills:** Browser and mobile optimisation, JavaScript, Backbone, AMD, CSS, jQuery, HTML and Ant.

- Architectural design and javascript development for a new recruiting startup project.

**Some of the project skills:** architectural decisions, JavaScript, LoopBack, Webpack, Gulp, MySql, React, Redux, HTML, SCSS.

- *Founder, full-stack web developer and designer at NOD studios, Istanbul*

**11/2012 - 07/2015**

**Some of the projects:**

- Web development and design for Gym & Tonic

**Some of the project skills:** Design, JavaScript, PHP, HTML, LESS, CSS, CanJS, Mustache.

- Web development for Silent + Blessed

**Some of the project skills:** Design, JavaScript, HTML, LESS, CSS, CanJS, Mustache.

- Web development and design for Mirjam Schmitt

**Some of the project skills:** Design, JavaScript, HTML, LESS, CSS, CanJS, Mustache, WordPress, WordPress JSON API.

- Web development and design and UX consultancy for Les Benjamins

**Some of the project skills:** Wireframing, Mockup, Design, JavaScript, HTML, LESS, CSS, CanJS, Mustache, CakePHP.

- Web development, design, mobile app design, UX design and refactoring legacy code for etiqadd

**Some of the project skills:** Wireframing, Design, JavaScript, AMD, PHP, CodeIgniter

- Social web app design and gamification for Gripati

**Some of the project skills:** Wireframing, Design, JavaScript, AMD, PHP, CodeIgniter

- Front-end mobile web development for LigTV

**Some of the project skills:** Mobile optimisation, HTML, CSS, JavaScript

- Internal website design and full-stack web development for Ülker

**Some of the project skills:** PHP, CakePHP, HTML, CSS, JavaScript

- Server-side web RSS aggregator API development for a mobile app of MB Apps

**Some of the project skills:** CakePHP, PHP

- Full-stack web development for Umut Üzümleri movie

**Some of the project skills:** Design, HTML, CSS, JavaScript

- Open source projects and libraries at Github

- *Full-stack web developer at FOX International Channels, Istanbul*

**01/2012 - 12/2012**

**Development of some social app and microsite web development for some clients including:**

Samsung Turkey, National Geographic Turkey, Nokia Turkey, True Blood TV show, Glee TV Show, TerraNova TV show

- *Front-end developer and designer at projectz, Istanbul*

**06/2011 - 12/2011**

Front-end coding, refactoring and web design for startup project  
yardimlazim.com

- *Full-stack developer at Manajans / JWT, Istanbul*

**05/2009 - 06/2011**

**Development of websites, CMS development, online communities, social apps and microsites for some clients including:**

Miller, GncTurkcell / Turkcell, Eston, First, Bomonti, Efes, TeraBrokers  
(Formerly TeraMenkul)

- *Front-end developer at Tribal DDB Worldwide Istanbul(formerly Manadigital)*

**03/2009 - 05/2009**

**Front-end development for some clients including:**

patlican / aveva, TTNET

- *Full-stack developer at Ping Digital Agency Istanbul(formerly OnKaplan)*

**05/2008 - 03/2009**

Garanti, TTNET

- *Designer, front-end and Flash developer at Koçak Dizayn, Istanbul*

**05/2008 - 03/2009**

Design, concept art creation, front-end development and illustration for an online art community startup.



- *Designer and front-end developer at MedyaNova, Istanbul*

**05/2005 - 02/2007**

Design and front-end web development for various web projects mostly regarding travelling, hotel and hotel franchise clients like Best Western Hotels.

- *Internship at MedyaNova, Istanbul*

**04/2005 - 05/2005**

## Skills

- **Programming & Development**

- **Software & Markup Languages**

- JavaScript / ECMAScript,  
EcmaScript 2016 / ES6,  
EcmaScript 2017 / ES7 - *advanced*
    - Node.js - *advanced*
    - PHP - *advanced*
    - HTML / HTML5 / xHTML - *advanced*
    - CSS / CSS3, less, SASS / SCSS - *advanced*
    - Python - *beginner*
    - Ruby - *beginner*
    - SQL - *advanced*
  
    - **Familiar patterns / conventions:** FP, Isomorphic / Universal Javascript,  
TDD, BDD, MVC, MVVM, OOP, Prototypal OOP, OLOO, AOP, ES6  
Modules, AMD, CommonJS, Semantic Versioning
  
    - **Other:** Bash, ASP, .NET, C, C++, PIC

- **Tools**

## ■ Some of the frameworks

- RxJS (*beginner*)
- Serverless for Lambda (*advanced*)
- Koa (*intermediate*)
- React (*advanced*)
- Redux (*advanced*)
- Flux (*intermediate*)
- Angular (*advanced*)
- Backbone (*advanced*)
- CanJS (*advanced*)
- polymer (*intermediate*)
- Aurelia (*beginner*)
- express (*intermediate*)
- LoopBack (*advanced*)
- CakePHP (*advanced*)
- lithium (*intermediate*)
- CodeIgniter (*intermediate*)

## ■ Databases

- RethinkDB - *beginner*
- MongoDB - *advanced*
- MySQL - *advanced*
- SQLite - *advanced*

## ■ Libraries and Miscellaneous Tools

Flow Type, Atom, npm, Homebrew, Babel, gulp, Jest, Chai Assertion Library, webpack, HighlandJS, WebStorm, Protractor, jQuery, RequireJS, Underscore.js / lodash, git, PM2, WordPress, IBM API Connect, Bower, SystemJS, jspm, composer, pip, gem, Apache HTTP Server, PhoneGap, Appcelerator, fish, Bash

## ■ APIs and Services

Heroku, AWS (Amazon Web Services), SalesForce, Stripe, Mixpanel, Facebook, Twitter, Shopify, Flickr, Tumblr, WP REST API, SoundCloud,

Pinterest

- **Operating Systems**

OS X, Ubuntu, Windows (Using it for playing some video games)

- **Design**

- Web Design on the browser
- UI Design
- Wireframing / Mockup Design
- Responsive Design
- UI Design
- Web UX
- Branding / Identity
- Print Design

- **Tools**

- Adobe Photoshop - *advanced*
- Sketch - *beginner*
- Adobe Illustrator - *advanced*
- Adobe Fireworks - *intermediate*

- **Languages**

- Turkish - *native*
- English - *advanced*

## Education

- *Computer Programming and Technology* at Kadir Has University

**2004 - 2008**

Sehremeni Anadolu High School

# Interests

- DJ and Founder at AmbientData
- Contributing back to an Open source
- Experimenting with side-projects
- Sci-Fi books, movies etc.
- Exploring Typography
- Photo manipulation
- Travelling
- Exploring Craft Beer and Coffee
- Video games
- Any kind of nerd activity