

# FURKAN KÖSE

# FULL STACK DEVELOPER

Passionate Software Engineer with 3 years of hands-on experience in web development, JavaScript areas

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## KEY SKILLS

### Back-end

- Node.js, TypeScript
- Express.js, NestJS
- Jest
- Puppeteer, cheerio
- Swagger

### Front-end

- React, Vue.js
- TypeScript
- CSS3, Sass
- Jest, Cypress
- Webpack, Rollup

### DevOps

- AWS, GCP, Firebase
- GitHub Actions
- Docker
- Serverless Framework

## WORK HISTORY

### Full Stack Developer

Tarentum AI

10/2019 – Present

Istanbul, TR

- Developing new features for [Wind Suite](#) modules (with NestJS, React, TypeScript, Redis)
- Consolidation and refactoring the legacy modules of Wind Suite
- Designing, developing, implementing and documenting of the new API endpoints
- Developing and integrating UI designs and wireframes into intuitive user interfaces
- Building reusable front-end components
- Writing unit and integration tests
- Designing and creating fully automated CI/CD pipelines
- Creating event based trigger mechanisms to run project workflows on different cloud services
- Capturing the best development practices in a way of common coding standards
- Providing technical and leadership assistance for the developer team members
- Participating in peer code reviews

### Full Stack Developer

Deeper

12/2018 – 09/2019

Istanbul, TR

- Transforming company needs into product features for C.U.M.A, STUPI, SUAL and OCEAN products (with Express.js, Vue.js, Vuex, and Firebase)
- Adding new features to existing internal web based tools and developing new ones
- Refactoring the legacy code base of SUAL
- Designing, developing and maintaining well documented APIs
- Developing user-friendly user interfaces for the products
- Translating UI/UX designs into prototypes
- Working with Facebook API, Facebook Marketing API and Google Ads API
- Building reusable code and libraries for future use
- Involving and participating in the overall application lifecycle
- Designing and creating fully automated CI/CD pipelines

## Front-end Developer

Zeo Agency

11/2017 – 11/2018

Ankara, TR

- Developing single page application and web site of [icerik.com](https://icerik.com) with the latest front-end technologies (Vue.js, Vuex, Sass, and Webpack)
- Working closely with design, product management, and development teams to create elegant, usable, responsive and interactive interfaces across multiple devices
- Documenting the project structure and components
- Testing the single page application and web site for usability
- Optimizing single page application and web site performance
- Ensuring the technical feasibility of UI/UX development
- Helping define the team roadmap and architecture based on technology and business needs
- Making technical design decisions independently

## SIDE PROJECTS

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### Bilkent Scheduler

Full Stack Developer/Creator

<https://www.bilkentscheduler.com>

- Bilkent Scheduler is a visualizer that makes Bilkent University students' lives easier during course registration.
- The project consists of two main parts; data scraper and visualizer.
  - Data scraper part is responsible from scraping the necessary data regularly from Bilkent Stars, and committing the new/updated application data to GitHub repo.
  - Visualizer part is responsible from calculating and visualising all of the possible weekly schedules that result from selected courses.
- 2020-21 Fall Semester Statistics; ~5000 unique users, ~100.000 visualized schedules
- Used Technologies: React, Node.js, Firebase, GitHub Actions
- GitHub Repo: <https://github.com/furkankose/bilkent-scheduler>

### reqque

JavaScript Developer/Creator

<https://www.npmjs.com/package/reqque>

- reqque is a promise based JavaScript library that enables you to make numerous HTTP requests without bumping into the rate limits.
- By using reqque, you can;
  - Make parallel HTTP requests by splitting your requests into batches
  - Make sequential HTTP requests
  - Put some delay between requests
  - Retry failed requests again until reaching the specified retry limits
- Weekly downloads (overall average): ~15
- Used Technologies: JavaScript, Jest, ESLint, Rollup, semantic-release, GitHub Actions
- GitHub Repo: <https://github.com/furkankose/reqque>

## EDUCATION

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- Bilkent University, Information Systems and Technologies (BSc), 2012-2018  
3.24, Honor Degree

## ADDITIONAL INFORMATION

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- English language: Professional proficiency