

# YIGIT KARABIYIK

Istanbul, TURKEY

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## FULL STACK DEVELOPER

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Full Stack Developer with experience in system architecture, test driven development, managing database, designing a REST API creating projects who is passionate about pushing the boundaries of new technologies to create handy, unique products with an optimal user experience. Develop, build, balance software systems, creating tools and mechanics that reduce iteration times and provide more freedom in graphical user interface. Create scalable and maintainable code, saves significant development time provide better quality and clarity. Solid understanding of importance of version control and unit testing.

Interface effectively with development teams, asking right questions to understand the teams' needs and preferences, facilitating efficient, concise communication. Excited about learning new features and evolving skill sets to exceed industry standards. Having longtime athlete experience in being effective team player under limited time and resource conditions would also support to be successful in those roles.

## EDUCATION

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YEDITEPE UNIVERSITY, Istanbul, Turkey

2020

**Bachelor of Science in Biomedical Engineering**

**Thesis: "Automated Merchant Angles by Artificial Intelligence"**

## TECHNICAL SKILLS

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**Programming Languages:** Python, HTML, CSS, JavaScript

**Frameworks and Tools:** Django Framework, Rest Framework, React, React Native, Amazon Web Server, Linux, Docker, Vim

## WORK EXPERIENCE

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CLOUD VISION SOLUTIONS, SOFTWARE DEVELOPER Istanbul, Turkey

2021-2022

- Planned the course of the project
  - Measured and improved the performance, suitability, adequacy, and effectiveness of the applications in the project
  - Reported progress weekly basis and set targets monthly
  - Created the roadmap of the project with due dates using Jira Software
- Developed the project as a Full-Stack Developer
  - Used Django Web Framework for effective development
  - Written API using Rest Framework includes authentication and permission
  - Made calculations and analyzes on the obtained data at server side
  - Taken frontend responsibility by using HTML, CSS, JavaScript and React
  - Taken mobile application responsibility by using React Native with Expo environment
- Developed and operated the project
  - Verified functional behavior of individual components as Unit Test
  - Deployed project to cloud using Elastic Beanstalk Service of Amazon Web Server
  - Managed Relational Database in AWS to store data

- Written platform for devices that can communicate with API
  - Run Software Developer Kit powered by artificial intelligence
  - Checked the verification of machine learning model
  - Built software that collects data with artificial intelligence

## UNIVERSITY INTERNSHIP EXPERIENCE

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YEDITEPE UNIVERSITY HOSPITAL, Istanbul, Turkey 2019

- Troubleshooted minor issues on hospital devices as centrifuge
  - Repaired the device based on the manual collaborating with technician
- Repaired the devices in the operating room as cautery and surgical light
  - Created back-up devices when a device was broken during surgery
  - Prevented supervisor from spending time on repairing the devices.
- Simplified the order system in the sterilization chamber
  - Checked the sterile expiration dates of instruments
  - Early recognition the expired products helped gain extra time to focus on more value-added tasks

## VOLUNTEER INTERNSHIP EXPERIENCE

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FIBABANKA, Istanbul, Turkey 2018

- Initiated multiple tests to improve the software yield performance for checks and bonds
  - Proposed to create a brand-new interface that consolidated checks and bonds

YUSA INSAAT, Istanbul, Turkey 2018

- Monitored the stock price for iron, steel, and cement and contact with suppliers to place orders
  - Gained experience in using AutoCad
- Examined short term transactions daily
  - Gained experience in using MS Excel and calculated the effect of rate of exchange rate

## AWARDS & SCHOLORSHIPS

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YEDITEPE UNIVERSITY, Recipient of 50% scholarship

BALIKADAMLAR ROWING CLUB, Istanbul, Turkey

- Turkey National Championship: Awarded Silver Medal 2011
- Rowing Federation Cup: Awarded Bronze Medal 2011
- Black Sea Cup: Awarded Silver Medal 2011
- Presidential Cup: Awarded Silver Medal 2011
- Halic Championship: Awarded Gold Medal 2010
  - Awarded more than 10 medals through the sportsmanship career

### RUNNING

- Awarded medal to complete Intercontinental Eurasia Marathon, 3 years in a row 2009 - 2011

## LANGUAGE SKILLS

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English (fluent), Turkish (native)