Zehra Demirhan

October 16, 2000

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Social Network

LinkedIn Link

Github Link

Languages

🇹🇷 Turkish	● ● ● ● ●
🇬🇧 English	● ● ● ● ●
🇩🇪 German	● ● ● ● ○

Related Courses Taken

- 🔖 Introduction to Programming
- 🔖 Programming in Python
- 🔖 Algorithms and Data Structures
- 🔖 Object Oriented Programming
- 🔖 Frontend Web Technologies
- 🔖 Introduction to Backend Dev.
- 🔖 Computer Algorithms
- 🔖 Computer and Network Security
- 🔖 Principles of Software Engineering

Awards & Certificates

- 🏆 2023-2024 *(Spring)*
  Honour Certificate
- 🏆 2022-2023 *(Spring)*
  Honour Certificate
- 🏆 2022-2023 *(Fall)*
  Honour Certificate
- 🏆 2021-2022 *(Spring)*
  High Honour Certificate
- 🏆 2020-2021 *(Spring)*
  High Honour Certificate
- 🏆 2020-2021 *(Fall)*
  Honour Certificate
- 🏆 2019-2020 *(Spring)*
  High Honour Certificate
- 🏆 2018 - 2024
  Full Scholarship at Bilkent University

Education

2018 - 2024	**Ihsan Dogramaci Bilkent University, Ankara**	Major
	Bachelor of Science, Mathematics	
	GPA: 3.43	
2021 - 2024	**Ihsan Dogramaci Bilkent University, Ankara**	Minor
	Software Development, Information Systems and Technologies	
	GPA: 4.00	

Technical Skills

Frontend Dev.	**Angular, JavaScript, TypeScript, Bootstrap, SCSS, RxJS**
Backend Dev.	**Node.js, NestJS, MongoDB, JavaScript, TypeScript, AWS**
Mobile Dev.	**React Native, Android Studio, XCode**
Languages	**C, Python, Java**

Experiences

(May 2023 - Present) **Web Developer**
Web/Mobile Developer at Cubicl

- Coded integration between our platform and APIs of well-known companies such as ClickUp, Line, Mailchimp, and Cubicl.
- Developed components for performing operations using these integrated APIs.
- Implemented a comprehensive error handling interface to display errors to users effectively.
- Created a statistics page featuring recent errors with graphical representations and a detailed modal view for in-depth error analysis.
- Designed and developed both the backend system and the frontend for error handling.
- Developed an extended display UI for showing results in a clear and effective manner.
- Developed file operation components, including tasks such as compressing files, creating files from base64, retrieving content as base64, and handling binary content.
- Led the development of a comprehensive app development feature, encompassing both backend and frontend code.
- Developed a chat feature for the mobile project, enabling real-time communication between users.

(December 2022 - April 2023) **Mobile Development Intern**
Mobile Development Intern at Cubicl

- Was responsible for branch management, building projects using Xcode and Android Studio.
- Published new version updates on Play Console and App Store Connect.

2022 (Fall) **Teaching Assistant, Linear Algebra (MATH-223)**

2022 (Spring) **Teaching Assistant, Linear Algebra for Engineers (MATH-220)**

2021 (Spring) **Took Place in Directed Reading Program (DRP Turkey) and gave a speech in DRP Turkey Symposium which is published on YouTube**
Video Link, PDF Link

2019 (Spring) **Represented Bilkent University in MOCA 2019 Event Hosted by Sabancı University School of Languages**

Personal Projects

2024 *(July)* **Portfolio Project** Personal Webpage
A newly developed personal website using my latest skill-set. The website showcases my portfolio, skills, and projects. It includes a responsive design and interactive elements.

2024 *(May)* **Online Snake Game** Backend Dev
An online snake game developed to improve backend development skills using Vite for fast build times and efficient hot module replacement.

2024 *(April)* **Domino Problem** Frontend App
A frontend application developed using AngularJS, TypeScript, Bootstrap, and SCSS, this project was undertaken to gain a deeper understanding of the Angular framework.

2023 *(Fall)* **Java Quiz App** Desktop App
A Java Quiz Application with Java Swing

2022 *(Fall)* **My World Website Project** Static Website
A static website project constructed in HTML, CSS, JavaScript, jQuery and hosted by GitHub. It consists of five pages that include continent cards, a card generator, information about world maps & country flags, and a car race game. Materialize CSS library and jQuery UI plug-ins are used.

2022 *(Spring)* **Task Manager Application** Application
A basic app where users register and then log in, aimed at creating lists, adding tasks to these lists, and managing them. Mainly PHP, JavaScript, and jQuery are used. AJAX technologies are used for styling purposes. The app is deployed by Heroku using ClearDB.

2022 *(Spring)* **Personal Website Project** Personal Webpage
A personal website that represents my detailed skill set. It contains several links that show my studies in C, Python, and Java languages as well as database operations.