

K. BARIŞ GÖKMEN

Computer Engineer

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SUMMARY

I'm super curious about this field, and I'm touching multiple different edges of computer science. I believe in teamwork, honesty, and fairness. I'm also highly inquiring with the most respectful way. I do my job seriously as quality of the work and the results, but I would do my best to conduct the process in the most fun and enjoyable way. Also I work with Java and OSGi for a long time

CURRENTLY

I'm working at ASELSAN as a Software Design Engineer in the division of REHİS (Radar and Electronic Warfare). In parallel, I'm working on my MSc Thesis, which is Predicting Typing Performance on Mobile Devices. My Research area includes Data Science, Machine Learning, and NLP. Also, I'm highly interested in OSS repositories and Agentic AI

EDUCATION

October, 2023 September, 2026	Master of Science, Computer Engineering Thesis: Predicting User Text Typing Performance from Sensor Data and Keystrokes on Mobile Devices	Middle East Technical University NCC
September, 2019 July, 2023	Bachelor of Science, Computer Engineering I've successfully had my BS in Computer Engineering in 4 years. CPGA: 2.77	Middle East Technical University NCC

EXPERIENCE

January, 2025 Present	Software Design Engineer @ ASELSAN • I'm in the Radar and Electronic Warfare division. Worked with enterprise OSGi Java Projects, Microsoft T-SQL, and Agile development.	ASELSAN
October, 2023 January, 2025	Graduate Teaching Assistant • I'm a TA in METU NCC Computer Engineering department. I'm responsible for instructing lab sections, preparing and grading assignments and quizzes, and proctoring exams. • Responsible for: CNG 213, 351, and 352; Data Structures, Data Management and File Structures, DBMS	Middle East Technical University NCC
July, 2023 September, 2023	Android Developer Apptern • Completed Apptern, a 2-month mixed internship program for new developers, including seminars, 2 mini-projects, and a real project called "Apponte," a client-consultant appointment app developed with a team of 6 developers.	Appcent
January, 2023 March, 2023	Full-stack Developer Intern • Independently developed a mobile application project from scratch. • Built a REST API with Laravel, PHP, MySQL, implemented authentication with Sanctum, tested with Postman. • Developed a Flutter mobile app for recording and tracking personal vehicle events such as maintenance, tax, and insurance operations. • Designed the database and authenticated API, built the cross-platform mobile app using the API, and created a basic web admin panel.	Niyel Technologies Ltd.
October, 2021 November, 2021	Computer Vision Intern • Worked on a face-tracking algorithm for a company project. I Learned the fundamentals of image processing, computer vision, Artificial Intelligence algorithms and their applications, while practicing Python with OpenCV.	MXB Interactive Ltd.

SOME OF MY PROJECTS

Graduation Project	Virtual Queue Management System Developed an Android-based virtual queue management system using Kotlin and Google Firebase, including backend services, simulation features, and a web admin panel.	2022-2023
Mobile Application	Apponte Developed the Android application using Kotlin, Firebase, Clean Architecture, MVVM, Hilt-Dagger, Coroutines, Flow, Navigation Component, View/Data Binding, and DiffUtil.	2023
Campus Application	Hocam Connect Designed and managed the development process of a campus super app from scratch. I was the co-head of the team for all operations, including development, testing, deployment, CI/CD, UI/UX design, etc. I mainly gained project management and leadership experience by managing a 7-person team for all these processes. We used Flutter, Supabase, a custom server with Laravel for the admin panel and batch op.	2025-2026

Last Updated: August 2026. This Resume is just an overview. For further details, check out my LinkedIn profile