



Serdar Arıcı Computer Engineer

✉ serdararici3@gmail.com ☎ +90 538 039 0137 📍 Sakarya, Türkiye 🔗 serdararici.vercel.app
🌐 linkedin.com/in/serdararici 🐙 github.com/serdararici 🏆 kaggle.com/serdararici

Summary

Computer Engineering graduate currently pursuing an M.Sc. in Information Systems Engineering, with hands-on experience in full-stack and backend development. Skilled in building RESTful services with Java and Spring Boot, developing modern web applications with React and Next.js, and working with relational databases. Experienced in applying clean architecture principles and developing scalable software solutions. Additionally, experienced in machine learning and NLP projects, with a strong interest in AI-driven applications, cloud technologies, and scalable software systems.

Skills

Backend: Java, Spring Boot, Spring Security, JWT, Spring Data JPA, Hibernate, Microservices, Redis, RabbitMQ, C#, .NET, Node.js
Frontend & Mobile: React, Next.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Flutter, Kotlin
AI / Data: Python, Machine Learning, Pandas, NumPy, Matplotlib, Scikit-learn, NLP, OpenCV, YOLO, AI Tools (Claude, Antigravity)
Databases & Devops: MySQL, PostgreSQL, MSSQL, SQLite, Firebase, Docker, AWS, Git, GitHub Actions, CI/CD, JUnit 5, Mockito, Agile

Education

M.Sc. Information Systems Engineering, Sakarya University ☑ Jan 2026 – Present | Sakarya, Türkiye
Bachelor of Computer Engineering, Sakarya University (GPA: 3.27 / 4.00) ☑ Oct 2019 – Nov 2024 | Sakarya, Türkiye
Bachelor International Exchange Programme, Lublin University of Technology ☑ Feb 2023 – Jul 2023 | Lublin, Poland

Professional Experience

Android Developer Intern, Dronmarket ☑ Aug 2024 – Sep 2024 | Sakarya, Türkiye
• Developed an Android application using Java, SQLite, and MVVM architecture for an agricultural technology product.
• Implemented UI components and integrated local data management solutions to improve application maintainability.
Software Engineering Intern, Mitrona Electronics and Software Technologies ☑ Sep 2023 – Oct 2023 | Sakarya, Türkiye
• Developed software components for vehicle communication systems using C++, Qt Creator, and CAN bus protocols.
• Worked on data communication and interface development for defense industry projects.

Projects

N11 TalentHub E-Commerce Platform – Microservices Architecture ☑ May 2026
• Built a production-ready e-commerce platform with 4 independent Spring Boot microservices (auth, product, cart, order) featuring JWT authentication, role-based access control, and a React 18 frontend.
• Implemented Redis-backed cart service, Iyzico payment gateway integration, and Swagger/OpenAPI documentation for all services.
• Containerized the entire stack with Docker Compose and built a GitHub Actions CI/CD pipeline for automated build and test on every push.
BTK Datathon 2026 – Career Success Score Prediction (Machine Learning & NLP) ☑ Jun 2026
• Developed a Machine Learning and NLP solution to predict student career success scores from structured and text data.
• Applied Feature Engineering, Sentiment Analysis, TF-IDF, Hyperparameter Tuning, and Stacking Ensemble techniques.
• Achieved 88.94 Kaggle Public MSE using XGBoost, LightGBM, and CatBoost (Tech Stack: Python, Scikit-learn, Optuna, NLP).
AI-Powered Travel Guide Mobile App- Graduation Project ☑ Feb 2024 – Jun 2024
• Built an Android travel guide app using Kotlin, MVVM, Firebase, and Retrofit, integrating Google Gemini API for AI-powered travel recommendations.
• Implemented authentication, real-time data synchronization, interactive maps, chatbot, and country information features using REST APIs.

Certificates

Docker & Kubernetes: The Practical Guide: ☑ Udemy, Jul 2026
N11 TalentHub Backend Bootcamp: ☑ N11 & Patika.dev, Jun 2026
Cloud Computing with Amazon Web Services (AWS): ☑ BTK Akademi, Feb 2026
Complete Guide to Java Design Patterns: Creational, Behavioral, and Structural: ☑ LinkedIn, Jan 2026
Insider & Testinium Tech Hub Bootcamp: Insider, Mar 2025
Flutter Builder Bootcamp: ☑ techcareer.net ☑ , Jan 2025
The Complete 2024 Web Development Bootcamp: ☑ Udemy, Dec 2024
Spring Boot Workshop: ☑ techcareer.net ☑ , Sep 2024
Agile Fundamentals: Including Scrum & Kanban: ☑ Udemy, Aug 2024
Android Mobile Application Development Training | Kotlin | 2024: ☑ Udemy, Jun 2024

Exam Scores

ITEP (International Test of English Proficiency) Academic Test ☑, Upper Intermediate Apr 2026
Higher Education Institutions Foreign Language Test (YÖKDİL), Score: 70.0 Mar 2025

References

Mehmet Arga, Manager of Gear Systems for Military Vehicles, Otokar Automotive and Defense Industry Inc.
marga@otokar.com.tr, +90 530 880 98 70
Alper Çolak, Project Manager, Mitrona Electronics and Software Technologies
+90 505 292 67 03
Ferit Ak, Project & Product Manager, ASELSAN
+90 554 311 79 07