

BURAK YEŞİLYURT

Personal Information

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Education

University : 2022-2027 Ankara Yıldırım Beyazıt University , Ankara
Bachelor's Degree , Software Engineering

High School 2016-2020 Nevşehir Hüseyin Avni İncekara Fen Lisesi
High School

Technical Skills

- **Core Competencies**
 - Full-stack application development (Web + Mobile)
 - Cross-platform mobile development with Flutter/Dart
 - Backend and database architecture with Firebase and Supabase
 - Role-based access and multi-user workflow design
 - Payment integration and admin panel implementation
 - Algorithm design and logic-intensive feature development
 - Version control, collaboration, and release management with Git
 - Security-oriented testing and system hardening practices
- **Programming Languages**
 - Python (Advanced)
 - C (Advanced)
 - C++ (Advanced)
 - Java (Advanced)
 - Dart (Advanced)
 - SQL (Advanced)
- **Web & Mobile Technologies**
 - HTML (Advanced)
 - CSS (Advanced)
 - Flutter (Advanced)
- **Database & Backend Platforms**
 - Firebase (Advanced)
 - Supabase (Advanced)
 - Relational and structured data modeling with SQL

- **Development Tools & Practices**
 - Git (Advanced)
 - Modular architecture and scalable project structure
 - Multi-environment development and deployment workflows

Professional Experience

Commerce Mobile Application (Payment + Admin Panel)

- Designed and delivered a commercial mobile application for a business-focused environment, including payment integration and a functional administrative panel. Contributed to transaction flow design, user-facing shopping processes, and management-side operational control. Focused on reliability, maintainability, and business usability.

AI-Driven Mobile Application Based on User Data

- Developed a mobile application that captures and processes user-specific data to power AI-supported behavior and outputs. Implemented the data flow foundation required for intelligent feature execution, with emphasis on structured input handling, usability, and performance.

Algorithm-Based Family Tree Application

- Built a mobile application centered on family-tree logic using complex algorithmic structures. Managed data relationships, branching logic, and hierarchical modeling to support advanced representation and navigation of user-linked genealogical data.

Academic Journal Management Platform (4journals.com)

- Designed and continues to develop a comprehensive academic journal management system functionally comparable to DergiPark. Built around a role-based architecture with more than six distinct user roles and extensive file/document workflows, enabling each role to manage high-volume submissions and editorial processes across the platform lifecycle.

Synchronized Web and Mobile Ecosystems

- Implemented integrated systems where web and mobile applications run in synchronization, ensuring consistent data states, coordinated workflows, and aligned user experiences across platforms.

Security and Quality Practices

- Applied advanced security testing processes using professional testing tools and methods to identify vulnerabilities, reduce risk exposure, and strengthen platform defenses. Contributions include improving system hardening, validating secure workflow behavior, and supporting safer handling of user and operational data