BARIŞ DELIKAYA

Software Engineer ~ Full-Stack Engineer

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SUMMARY

A seasoned software development specialist with a proven track record of designing, implementing, and maintaining innovative software solutions. Possesses deep expertise in **PHP (Laravel/Symfony), Drupal Engineering (7-10), modern DevOps practices, and enterprise SSO/CRM integrations**. Committed to optimizing code efficiency and delivering high-quality, scalable, and user-centric applications.

TECHNICAL SKILLS

- **Backend/CMS:** PHP (7.x-8.3, OOP, SOLID), Laravel, Symfony, **Drupal (7-10)**, MariaDB, PostgreSQL.
- **Frontend/Mobile:** JavaScript (ES6+), Vue, **React.js, Vite.js**, **React Native** (Mobile UI), SCSS/CSS (SASS), DataTables, **Node.js**.
- **DevOps/Tools:** Docker, DDEV, Docksal, Linux CLI (Ubuntu Server), GitLab CI/CD, Git, PHPUnit, Playwright.
- **Integration/DB:** Azure EntraID SSO (SAML/OAuth2), REST/SOAP APIs, Relational Databases, Data Integrity Management.

KEY CONTRIBUTIONS

Standardization	**Enterprise Multisite Architecture Standardization** Established a unified architectural framework for managing multiple corporate web properties. Designed a standardized approach for themes, configuration, and deployment, significantly reducing maintenance complexity and accelerating the provisioning of new sites.
Environment	**Environment Parity and Deployment Consistency** Enhanced development, testing, and production environment parity using containerized development stacks (Docker/DDEV/Docksal). Reduced environment-specific failures and streamlined deployment workflows through consistent configuration strategies.
SSO	**Unified Authentication Abstraction Layer** Engineered an extensible authentication abstraction layer supporting OAuth2, OpenID Connect, and SAML. Allowed multiple applications to adopt Single Sign-On (SSO) rapidly with minimal changes to their internal logic.
API Security	**Secure Integration Layer for External APIs** Designed a secure and standardized API integration layer for communication with external platforms. Implemented token handling, centralized error isolation, idempotent transaction logic, and request validation to ensure reliable and compliant data exchange.
Performance Refactoring	&**Legacy Template & Query Modernization Initiative** Led a system-wide effort to refactor outdated templates, remove deprecated rendering logic, and optimize inefficient database queries. Substantially reduced technical debt and improved backend maintainability and overall system performance.
UX	**Advanced Data Table UX Enhancements** Implemented advanced search and data representation capabilities including responsive tables, multi-criteria filtering, asynchronous data loading, and accessibility-compliant interaction patterns. Greatly improved usability for data-heavy content sections.

EXPERIENCE

Feb 2023 – Present · **Software Development Specialist** — Sabancı University

- Built, tested, and deployed feature additions for existing Drupal sites with a strong eye for detail, test performance and cross-browser compliance.
- **Managed and configured Google Analytics implementations across 50+ corporate web properties to provide detailed tracking and analysis.**
- Component development on mobile application with React Native.
- Web development using Javascript, HTML, CSS, SASS PHP.
- Actively used docker and Ubuntu server.
- Spearheaded the revamping process of 3 client websites, upgrading Javascript, HTML, CSS, and PHP frameworks, improving average website loading speeds by 40% and user engagement.

Feb 2022 – May 2022 · **Database Intern** — Login ERP Software

- Provided client-side server support, server optimization, and basic CRUD operations.
- Designed logical and physical databases.
- Helped manage database performance, reviewed software and server performance, and ensured regular backups.

| Feb 2017 – Nov 2018 | **Database Administration Intern** | **Sakıp Sabancı Museum** |

- Executed database normalization, legacy database restoration, and relationship building.
- Involved in Drupal management and content entry.

SIDE PROJECTS

| Data Mining | **Data Mining Project**
Data mining application that aims to increase the success percentage of NFL players. |
| iOS/Android App | **Z'Vote**
Interactive news portal sharing weekly election results and news with its users, developed for iOS and Android. |

EDUCATION

| 2019 – 2023 | **Bachelor of Science, Computer Engineering** | **Selcuk University, Turkey** |

SOFT SKILLS

- Project Management
- Problem Solver
- Team Leadership
- Agile Management (Scrum, Kanban, Waterfall)
- Operations Management
- Communication / Client relationships

CERTIFICATIONS

- **Agile Project Management** (Google)
  – Credential ID: Q4S8GE7YKEEL
- **Effective Communication Techniques**
  – Boğaziçi Institute
- **Training to Maximize Efficiency**
  – Boğaziçi Institute

REFERENCES

Erva Nur DEMİRCİ	**Front end Developer	Gratas Solutions** dmrcerva@gmail.com
Osman S. Karaman	**Digital Preservation Manager	Sabancı Holding** osmanserhat@gmail.com
Yasin Keçeci	**Senior Consultant	KoçSistem** php.yasinkececi@gmail.com