



Salih CAMCI

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KEY COMPETENCIES

- Backend Development (C#, MSSQL, Python)
- Enterprise ERP / CRM Systems
- Functional & Exploratory Testing
- Database Design & SQL Optimization
- Workflow-Driven Forms & Authorization
- Regression Testing & Test Scenario Design

QUALITY ASSURANCE ENGINEER | BACKEND & SYSTEM VALIDATION

Senior Software Engineering student (GPA 3.20) with hands-on experience in enterprise ERP/CRM backend development and functional quality assurance.

Developed production-grade systems at PKF Teknoloji using C#, MSSQL, and JavaScript, focusing on workflow-driven architectures, database design, and validation mechanisms.

Experienced in defect reporting, regression testing, and ensuring system reliability in large-scale software environments.

RELEVANT EXPERIENCE

Crytek, Quality Assurance Intern

Feb 2026 – Present

- Executed structured functional and exploratory testing on in-development game builds, covering mechanics, case scenarios
- Designed and maintained regression test scenarios across multiple feature updates and release cycles
- Reported, categorized, and prioritized defects with detailed reproduction steps and severity classification
- Collaborated with developers to isolate root causes and validate fixes before milestone releases

PKF Teknoloji, Software Developer Intern

Aug 2025 – Feb 2026

- Developed 6+ production ERP/CRM modules used by 200+ internal users on a large-scale enterprise platform using C#, MSSQL, JavaScript, and embedded HTML, contributing to data-driven decision-making systems used in daily operations.
- Designed and implemented workflow-driven data collection and validation pipelines (HR Training, Personnel Tracking, Advance Requests, Customer Onboarding, Compliance & Acceptance Forms), integrating backend logic with dynamically generated UI components.
- Modeled and maintained complex relational MSSQL databases (customers, contracts, HR, offers, audit entities), writing data-intensive queries for reporting, consistency checks, and workflow control.
- Implemented authorization, audit trails, and data validation mechanisms, ensuring data integrity, traceability, and compliance across business processes.
- Developed an internal Python-based automation tool for QR code generation with PDF/vector export and logo embedding, improving internal data labeling and operational workflows.

BizMED Sinerji Bilişim, Software Engineering Intern

Jul 2025 – Aug 2025

- Engineered a Nurse Medication Form using Delphi VCL and MVVM, improving maintainability and extensibility.
- Optimized Oracle 21c PL/SQL procedures, proposing indexing strategies to reduce critical query response times by approximately 20%.

Freelance, WordPress Developer

Oct 2024 – Present

- Built and deployed an e-commerce website using WordPress and WooCommerce, including custom PHP-based theme modifications.
- Integrated payment systems, SEO, and analytics tools.
- Improved front-end performance, focusing on data-driven optimization and user behavior analysis.

RESEARCH & TECHNICAL PROJECTS

GPT Model Implementation (Inspired by nanoGPT)

Feb 2025

- Implemented a minimal GPT architecture inspired by nanoGPT, reproducing attention mechanisms, tokenization, and positional encoding; evaluated model performance using perplexity metrics.
- Achieved perplexity within 8% of reference nanoGPT on the TinyShakespeare dataset.
- Emphasis on model evaluation, performance metrics, and applied machine learning workflows.

Face Mask Detection Using SSD and YOLOV8

Jan 2025

- Developed and trained SSD and YOLOv8 object detection models on a labeled Kaggle dataset.
- Evaluated performance using mAP, achieving 92% with YOLOv8 and outperforming SSD by 7 points.
- Implemented a real-time inference pipeline with OpenCV, achieving >25 FPS and analyzing accuracy–latency trade-offs.

EDUCATION

Bahçeşehir University | Istanbul, Turkey

BSc in Software Engineering

Expected Graduation: 2026

GPA: 3.20 / 4.00

TECHNICAL SKILLS

Programming & Data

Python, C#, Java, SQL, JavaScript, HTML/CSS, Delphi

Machine Learning & AI

PyTorch, TensorFlow, scikit-learn, OpenCV

Systems & Tools

MSSQL, Git/GitHub, Linux, AWS (basic), WordPress

Testing & QA

Regression Testing, Functional Testing, Data Validation, Defect Tracking

EXTRACURRICULAR ACTIVITIES

Board of Admission Member, TEMA Foundation (2023–2024)

- Contributed to structured evaluation and selection processes within a sustainability-focused organization.

Volunteer Member, TEMA Foundation (2024–Present)

- Participated in sustainability-oriented volunteer initiatives and impact driven social projects.

Volunteer Member, Best Buddies (2019–2020)

- Engaged in inclusion-focused activities supporting individuals with intellectual and developmental disabilities.

Volunteer Member, ITU Humanity SRP (2018–2019)

- Contributed to community-based social responsibility projects.

Volunteer Member, Umut Halkası PAYDA (2019–2020)

- Participated in humanitarian aid and community support initiatives.