

Mert Kasım İmran

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About Me

I am a fourth-year Computer Engineering undergraduate specialising in full-stack web development, Linux systems administration, and cloud deployment. I have shipped production systems actively used by my university — including an accreditation platform and a promotional website with an AI-powered chat assistant — and am currently completing an Erasmus internship at abics GmbH building enterprise SAP services.

I work across the full stack: from provisioning and hardening Linux servers to building REST/OData APIs and modern React front-ends. I am comfortable picking up new frameworks quickly, have a strong habit of writing automation scripts and documentation, and enjoy collaborating in international teams. I am looking for a role where I can contribute immediately while continuing to grow as an engineer.

Experience

abics GmbH (via Erasmus) *SAP Engineer Intern* *Feb 2026 – May 2026*

- Designed and implemented OData V4 services using SAP CAP (Node.js), consumed by SAPUI5 front-end applications
- Automated recurring workflows and third-party integrations using n8n, reducing manual processing time
- Deployed and operated applications on SAP BTP and Cloud Foundry environments
- Gathered requirements and iteratively refined features through direct stakeholder feedback in an international team

Education

Ankara Science University *BE in Computer Engineering (English)* *Sept 2022 – Jun 2026*

- GPA: 3.27/4.0 (current as of the 7th semester)

Projects

Supplier Portal *abics GmbH*

- Contributing to an SAP BTP cloud application that streamlines supplier onboarding, document management, and compliance evaluation through SAPUI5 interfaces for supplier self-service and administrator review.
- Extending the CAP data model and OData V4 services, and integrating an n8n-orchestrated pipeline that extracts, classifies, and structures data from uploaded supplier documents via LLMs to drive automated supplier evaluation against configurable requirements.
- Tools & Technologies: SAP CAP, Node.js, TypeScript, SAPUI5, OData V4, SAP HANA, Cloud Foundry, n8n.

Ankara Science University MÜDEK Accreditation System

mudek.ankarabilim.edu.tr 

- Streamlined the university's accreditation process by implementing RBAC, request authorisation and validation, and full internationalisation (i18n) for local and international users.
- Provisioned and hardened the Debian production server, applying regional IP blocking, fail2ban, and automated email alerts for privileged admin actions.
- Tools & Technologies: Laravel (PHP), React, i18Next, Inertia.js, Mantine UI, PhpSpreadsheet & Laravel Excel, PostgreSQL, Debian GNU/Linux, VMWare Sphere.

Ankara Science University Promotional Website

tanitim.ankarabilim.edu.tr 

- Migrated the site from static JSON files to a PostgreSQL-backed architecture, built a real-time admin panel for content management, and improved the RAG-powered chat assistant with editable knowledge files.
- Currently rewriting the platform with a FastAPI backend, SQLAlchemy ORM, and a TypeScript/React front-end, replacing the chat assistant with a LangChain and OpenAI-powered RAG pipeline.
- Tools & Technologies: FastAPI, SQLAlchemy, Vite, React, TanStack, TypeScript, Axios, LangChain, OpenAI API, PostgreSQL.

Docker-Strike

github.com/mertimran/docker-strike 

- Containerised HLDS (Half-Life Dedicated Server) supporting any Half-Life game mod (e.g. Counter-Strike) via a single game-data directory mount.
- Tools & Technologies: Docker, Bash, Debian GNU/Linux

Non-governmental Organization System

github.com/mertimran/ngoproject 

- Built a full-featured NGO management platform covering donor and beneficiary registration, donation tracking, warehouse stock monitoring, fundraiser planning, and bank statement oversight.
- Tools & Technologies: Laravel, Blade Templating Engine, jQuery, TailwindCSS

Self-hosted Infrastructure & Automation Scripts

2018 – Present

- Authored Markdown setup guides, Bash/Python automation scripts, and custom Dockerfiles for a personal home-server stack including:
 - Git servers with web interfaces (Gitea, GitLab CE)
 - XMPP and Matrix chat servers (Prosody, Synapse)
 - Game servers
- Tools & Technologies: Bash, Python, Docker, Markdown, Git

Technical Skills

Languages

Experienced: PHP, SQL, JavaScript, TypeScript, React, Python, CSS

Familiar: Java, Bash

Frameworks & Tools

PHP: Laravel

JavaScript: Vite, React, React Router, TanStack, Vue, Node.js

Python: FastAPI, SQLAlchemy, LangChain

CSS: TailwindCSS, Bootstrap

SAP: SAP CAP, SAPUI5, SAP BTP, Cloud Foundry

Automation: n8n

Operating Systems

Experienced: Linux

Familiar: Windows, FreeBSD

Virtualization and Containerization Technologies

Experienced: QEMU, Oracle VirtualBox, Docker

Familiar: KVM, VMware

Database Management Systems

Experienced: MariaDB, MySQL, SQLite3, PostgreSQL

Development Software

JetBrains: PHPStorm, WebStorm, DataGrip, PyCharm

Open-source: VSCode, Vim, DBeaver