

MOHAMED ZAKARIA CHERKI

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EDUCATION

Altınbaş Üniversitesi
B.S. in Software Engineering

Sep 2021 — Jan 2026

EXPERIENCE

Internship - AI & Cybersecurity

Aug 2025 — Oct 2025

EARTech Information Technology

- Designed mobile app UI/UX using Figma; developed user flows, wireframes, and prototypes.
- Built full - stack web applications with PHP, Laravel, and modern tools (task manager, store system).
- Practiced penetration testing using Kali Linux, Metasploit, and Hack The Box labs.
- Integrated Azure AI services (Vision, Translation, Document Processing) using Python.
- Implemented CI/CD pipelines with GitHub Actions; collaborated using Git branching, reviews, and merges.
- Contributed to the development and deployment of a social media/marketplace project.

PROJECTS

Clinic Management System | React, Node.js, Express, MongoDB

- Built a healthcare management system with role - based portals for patients, doctors, and admins.
- Implemented real - time chat with Socket.IO and secure authentication using JWT.
- Integrated Cloudinary for medical file uploads and Nodemailer for automated appointment emails.

Chat Application | ASP.NET Core, C#, Angular, MongoDB, SQL

- Developed a full - stack chat platform with user authentication and secure password hashing.
- Enabled one - to - one and group messaging, including group creation and management.
- Added real - time online/offline status indicators to enhance user experience.

Product Catalog System | PHP, Laravel, MySQL, Cloudinary

- Designed and implemented CRUD operations for products with category management.
- Built a statistics dashboard with real - time product and category insights.
- Integrated Cloudinary for cloud - based image storage with drag - and - drop uploads and automatic cleanup.

SKILLS

Programming Languages: PHP, Java, C#, C, C++, JavaScript, HTML/CSS

Frameworks & Tools: React, Node.js, Express, Laravel, ASP.NET Core

Databases: MySQL, MongoDB

Cloud & DevOps: Git, GitHub Actions, Cloudinary, Azure, AWS

Other: UI/UX (Figma), Cybersecurity (Kali Linux, Metasploit)