MOHAMED ZAKARIA CHERKI

Software Engineer

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Istanbul, Turkey

ABOUT ME

Motivated Software Engineering graduate seeking a software development internship. Strong foundation in React, Next.js, PHP (Laravel), Node.js, and modern web technologies. Comfortable working with Git, CI/CD workflows, REST APIs, and databases. Adaptable, fast learner, and eager to contribute to real-world projects while expanding skills across frontend, backend, and DevOps practices.

EDUCATION

B.S. in Software Engineering   2021-2025

Istanbul Altınbaş University

WORK EXPERIENCE

EARTech Information Technology   Aug 2025 - Oct 2025

Software Engineering Intern

- Contributed to full-stack web applications using PHP and Laravel, following MVC architecture.
- Developed and maintained RESTful APIs, ensuring reliable data exchange between frontend and backend systems.
- Worked with MySQL databases, designing schemas, optimizing queries, and handling CRUD operations.
- Built responsive and mobile-friendly UI components using HTML5, CSS3, JavaScript, and Bootstrap.
- Collaborated with team members using Git and DevOps, participating in code reviews and CI/CD workflows.
- Assisted in performance optimization, debugging, and refactoring of existing codebases.
- Gained exposure to secure software development, including vulnerability analysis and basic penetration testing.
- Supported deployment and iteration of a production-level platform.

PROJECTS

Product Catalog System | PHP, Laravel(MVC), 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.

SocialCommerce Platform |PHP, Laravel(MVC), MySQL, Git
- Contributed to a Laravel application combining social media and marketplace features.
- Implemented authentication flows with route protection and validation.
- Built the main layout application and user features, including image upload & storage.
- Collaborated on system architecture and integrated features using Git (branching & merging).
- Assisted in debugging and refactoring to ensure stable and clean code.

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.

TECH SKILLS

Frontend: React.js, Next.js, TailwindCSS, JavaScript, HTML/CSS.
Backend: PHP, Laravel (MVC), Node.js, Express.js, RESTful APIs, JWT Authentication.
Cloud & DevOps: Git, GitHub Actions, Cloudinary, Azure, DevOps, AWS.
Other: UI/UX (Figma), Cybersecurity (Kali Linux, Metasploit)
Databases: MongoDB, MySQL.

TECH SKILLS

- Clear and effective communication
- Team collaboration and cooperation
- Problem-solving mindset
- Time management and reliability
- Adaptability and willingness to learn

LANGUAGES

Arabic (native)
English (C1)
French (B1)
Turkish (A1)