

Doğan Can YILDIZ

Full-Stack Web Developer & DevOps Engineer

Konya, Türkiye | +90 554 382 8000 | me@dogancanyildiz.com | dogancanyildiz.com | linkedin.com/in/dogancanyildiz | github.com/dogancanyildiz

PROFILE

Software engineer specializing in scalable, user-friendly web applications with Next.js, Node.js/Express, and MongoDB. Builds and ships on self-hosted infrastructure (Docker, GitHub Actions CI/CD, Coolify, Traefik, and Linux servers) and works in Agile teams using ClickUp for sprint planning and issue tracking. Combines application development with a strong networking and security foundation: CAPT certified, with the full Cisco CCNA track and CyberOps Associate completed. Organized knowledge-sharing events and workshops as part of the local GDG tech community.

WORK EXPERIENCE

BerrSoft Bilgi Teknolojileri

İstanbul | 06/2021 – 06/2026

Full-Stack Developer 11/2024 – 06/2026

- Developed web applications with Next.js and React on the front end; Node.js/Express.js and PHP on the back end, designing and consuming RESTful APIs.
- Worked across MySQL, MongoDB, and SQLite, selecting the right database per project to build scalable, maintainable systems.
- Delivered 5 production applications end-to-end, owning 100% of the lifecycle from architecture and API design to deployment and maintenance.
- Automated build and release with GitHub Actions and Coolify, deploying Dockerized applications to self-hosted servers; managed work in ClickUp across sprint boards and issue tracking.

Frontend Web Developer 06/2021 – 11/2024

- Built responsive, accessible web interfaces using HTML, CSS, JavaScript, and Bootstrap for 5+ client projects.
- Delivered 10+ custom WordPress themes and client-specific websites; improved UI/UX and ensured compatibility across 3 device classes (mobile, tablet, desktop).

Konya Büyükşehir Belediyesi Bilgi İşlem Daire Başkanlığı | Intern

07/2024 – 08/2024

- Developed a vehicle tracking management panel using PHP, JavaScript, and third-party API integrations.
- Implemented simulation and API integration for municipal traffic light management.

PROJECTS

Köklü Hukuk ve Danışmanlık | Client Project

kokluhukuk.com

- Designed a bilingual (TR/EN) site for an Ankara law firm: ten practice areas, direct contact instead of a form.
- Rebuilt from scratch in 2026 with Next.js, TypeScript, React, and Tailwind CSS, using next-intl for localization; host it on my own server, live since 07/2024.

Cargo Pilot | Divizyon

DevOps Chapter Lead | cargopilot.divizyon.org

- Web platform that digitizes and optimizes cargo/load-planning processes for logistics operations.
- Led the DevOps chapter: containerized deployments with Docker, CI/CD pipelines on GitHub Actions, and Coolify-based self-hosted infrastructure for the platform.
- Contributed to the core load-planning optimization algorithm alongside infrastructure work.
- Coordinated a cross-functional team in an Agile workflow, running sprint planning and task tracking in ClickUp.

Wikonya | Divizyon

Frontend Developer | wikonya.vercel.app

- Knowledge-sharing platform for local students: academic resources, housing guides, career opportunities, events, discussion forums, and a personal dashboard.
- Built with TypeScript; open source on GitHub (github.com/dogancanyildiz/wikonya).

Sportlink | Divizyon

Test & QA Chapter Lead

- Led software testing and QA processes: test case design, bug tracking in ClickUp, and performance validation for reliable web applications, working in sprint cycles alongside the development team.

Hubit | Divizyon

Frontend Engineer / UI Designer

- Developed interactive 3D visualizations using Three.js, focused on optimized rendering and smooth interaction.

Bilet Satın Alma (Ticket Purchasing System) | Siber Vatan*Cybersecurity project | PHP · SQLite · Docker*

- A containerized ticket-purchasing system built as a cybersecurity practice project within the Siber Vatan training program.
- Performed penetration testing and vulnerability assessment against the application, then implemented security improvements based on the findings (input validation, secure session handling, hardened Docker deployment).

GPA | Grade & GPA Calculator

Personal project | dogancanyildiz.github.io/gpa

- A user-friendly grade calculator that tracks quiz, midterm, and final scores and computes running GPA.

COMMUNITY & VOLUNTEERING

GDG Cloud Konya | Core Team Member

05/2025 – 10/2025

- Organized technical events, hands-on workshops, and community projects focused on Google Cloud technologies.

GDG Konya | Organizer

10/2023 – 10/2025

- Co-organized tech talks, study jams, and networking events over 2 years; supported knowledge-sharing around Google technologies.

EDUCATION & TRAINING

Mathematics and Computer Science | Necmettin Erbakan University 09/2025 – 06/2028 (ongoing)

Computer Programming | Konya Technical University Associate Degree | 09/2023 – 06/2025

Web Design and Coding | Anadolu University 09/2023 – 06/2025

Electronics and Communications Engineering | National Defence University, Turkish Military Academy 10/2017 – 06/2021 (not completed) | Ankara

SKILLS

Web Development: Full-Stack Web Development, DNS & Domain Configuration, Website Deployment & Maintenance

Networking: Network Fundamentals, Routing & Switching, VLAN Configuration, IP Addressing & Subnetting, WAN Technologies, Network Automation, Network Troubleshooting

Cyber Security: Vulnerability Assessment & Exploitation, Network and System Penetration Testing, Web Application Security Testing, Security Operations (SOC) Fundamentals

DevOps & Infrastructure: Git, GitHub Actions, Docker, CI/CD Pipelines, Traefik, Coolify, Go, QEMU, Linux Server Engineering

Languages & Frameworks: TypeScript, JavaScript, Next.js, React, Node.js/Express.js, PHP, MySQL, MongoDB, PostgreSQL, SQLite

Ways of Working: Agile / Scrum, Sprint Planning, ClickUp, Code Review, Issue & Bug Tracking, Technical Team Leadership

Social: Tech Community Management, Event Organization, Public Speaking

CERTIFICATES

- Certified Associate Penetration Tester (CAPT) | Hackviser
- CCNA Complete Track (Introduction to Networks · Switching, Routing and Wireless Essentials · Enterprise Networking, Security and Automation) | Cisco Networking Academy
- CyberOps Associate | Cisco Networking Academy
- Network Technician Career Path | Cisco Networking Academy
- Linux Unhatched · Introduction to Cybersecurity | Cisco Networking Academy
- Version Control Systems & Portfolio | Global AI Hub

LANGUAGE SKILLS

Turkish | Native

English | Intermediate (B1 Reading & Writing · A2 Listening & Speaking)