

Erdem Önal

BSc in Computer Science Engineering

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As a curious and enthusiastic Computer Science Engineering student I have a passion for innovation and problem solving. My expertise lies in developing creative solutions using languages and tools like Java, Python, and React.js. I am a dedicated team player and attentive to learning and applying my skills in a professional environment.

AREAS OF EXPERTISE

- Python
- Java
- React.js
- Node.js
- Assembly/MIPS
- SQL
- Git
- Vercel
- Docker

PROFESSIONAL EXPERIENCE

Mälardalen University Västerås, Sweden (On-Site)

October 2024 – Present

Data Management Intern

- Participated in the Heterogeneous Systems Research Group, contributing to efficient data handling and system integration.
- Dockerized a Python tool to streamline PostgreSQL database management, focusing on the nuScenes database.

Etiya Information Technologies Inc. İstanbul, Türkiye (Hybrid)

July 2024 – August 2024

Full-Stack Developer Intern

- Developed a web extension for the Türk Telekom OMNI project, improving user testing processes.
- Created and maintained an Agile project tracker application, increasing project management efficiency.
- Optimized performance and data management by utilizing Docker and Oracle Database
- Collaborated with team members to implement React.js components and enhance functionality.

Karel Electronics Antalya, Türkiye (On-Site)

August 2023 – September 2023

Help Desk Intern

- Provided technical support and resolved IT issues for the Leading Mobile Telecommunication Operator of Turkey's OneDesk platform.
- Documented support processes and solutions to systematize future operations.

Ledbim IT Consulting Inc. Antalya, Türkiye (On-Site)

July 2023 – August 2023

Front-End Developer Intern

- Built and customized email templates to fit client specifications using Tailwind CSS.
- Developed web apps and landing pages with React.js, enhancing user engagement and improving interface design.

EDUCATION

MALARDÄLEN UNIVERSITY (Erasmus+)

September 2024 –January 2025

Västerås, Sweden

Bachelor's degree in computer science

Relevant Coursework:

- Industrial Systems in Cloud Computing (DVA500) – MSc level
- Software Verification and Validation (CDT414) – MSc level
- Safety Critical Systems Engineering (DVA437) – MSc level

IŞIK UNIVERSITY

September 2021 –Present

İstanbul, Turkey

Bachelor's degree in computer science engineering 4th year, GPA: 3.09 / 4.00

Relevant Coursework:

- Data Structures and Algorithms (COMP2112)
- Database Systems (COMP2222)
- Operating Systems (COMP3432)
- Computer Networks (COMP3334)
- Analysis of Algorithms (COMP3112)
- Computer Organization (COMP3401)
- Automata and Formal Languages (COMP3105)
- Software Development Practice (SOFT3112)
- Microprocessors (COMP3402)
- Advanced Java Programming (COMP4102)

LANGUAGES

- **Turkish:** Native.
- **English:** C1 level. Advanced oral and written skills.
- **German:** A2 (Elementary) level.

CERTIFICATIONS

- Docker Foundations Professional Certificate
- Postman API Fundamentals Student Expert
- JPMorgan Chase & Co. – Software Engineering Lite Job Simulation
- Python Programming for Data Science, Miuul
- Moreton Bay Regional Council – Web Development Simulation
- New York Jobs CEO Council – Software Engineering Job Simulation
- Skyscanner – Front-End Software Engineering Job Simulation