



FURKAN COSKUN

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Professional Summary

I have a strong background in Electrical and Electronics Engineering, complemented by extensive Java education to expand my expertise into software development. My technical foundation and problem-solving skills allow me to adapt to evolving industries and technologies. I also spent 16 months in Sydney, Australia, attending an English language course and actively participating in large-scale volunteer organizations. This experience enhanced my communication skills, cultural awareness, and ability to collaborate in diverse environments.

Technical Skills

Programming Languages: Java (OOP, Functional Programming, Multithreading, Concurrent Programming)

Frameworks & Libraries: Spring Boot 3, Spring Security, Hibernate, JPA, Spring Data, RESTful APIs, JWT

Databases: PostgreSQL, MySQL, MongoDB

Testing & Quality Assurance: Junit

Tools & IDEs: IntelliJ IDEA, Eclipse, Maven, Git

Other: WebSockets, Servlets, API Documentation

Professional Experience

Amazon Sydney | Staff

Sydney, Australia | January 2024 - June 2024

During my time in Australia for English language education, I worked as a Maintenance Staff member at Amazon Sydney. In this role, I was responsible for performing routine maintenance tasks to ensure the smooth operation of the facility. My duties included inspecting equipment, diagnosing mechanical issues, and conducting preventive maintenance. Additionally, I assisted in the repair of electrical and mechanical systems while ensuring the facility complied with safety and regulatory standards. The cultural diversity in Sydney provided me with the invaluable opportunity to work with individuals from various backgrounds. This experience significantly enhanced my teamwork skills and enabled me to approach problem-solving from diverse perspectives. Throughout my time in this role, I developed both professionally and personally, acquiring the ability to communicate effectively with people from different cultural backgrounds.

Aksa CES Coskun Engineering | Electrical and Electronics Engineer

Antakya, Hatay, Turkey | September 2021 - June 2022

I initially joined Aksa CES Coskun Engineering as an intern and later transitioned into the role of Electrical and Electronics Engineer. In this capacity, I was responsible for creating generator, electrical, and electronic drawings using AutoCAD. Additionally, I contributed to the design and implementation of electrical infrastructure systems. Working closely with my supervisor, I assisted in meeting the technical requirements of projects, ensuring they were completed accurately and within the scheduled time frame. I was also involved in the preparation of necessary drawings and plans for electrical systems, working to resolve various engineering challenges within the projects.

Projects

Job Portal Web Application

Technologies: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate, Thymeleaf, MySQL, Maven

Designed and developed the backend infrastructure of a job portal system enabling secure interactions between job seekers and recruiters.

- Built user management and authentication features using Spring Security with role-based access.
- Implemented business logic for job posting, profile management, and application processing.
- Managed data persistence with MySQL, JPA, and Hibernate.
- Integrated a pre-designed frontend (HTML, CSS, JavaScript/jQuery) into the application using Thymeleaf

templates.

Banking Application

Technologies: Java 17, Spring Boot, Spring Data JPA, MySQL, Maven, Lombok
Developed the backend of a simple banking system with account and transaction management functionalities.

- Built RESTful API endpoints for creating accounts, checking balances, and handling deposits/withdrawals.
- Applied validation and business rules to ensure transaction integrity.
- Utilized Spring Data JPA for seamless database interactions and Lombok for reducing boilerplate code.
- Returned data in JSON format for easy frontend integration.

Education & Certifications

SQL: A Practical Introduction for Querying Databases by IBM | Coursera (April 2025)

Getting Started with Git and GitHub by IBM | Coursera (April 2025)

Java Programming Introduction - Instructors: Chad Darby, Eric Roby | Udemy (March 2025)

Spring Boot 3, Spring 6 & Hibernate | Udemy (March 2025)

Advanced Java | Codecademy (February 2025)

Introduction to MongoDB by MongoDB Inc. | Coursera (February 2025)

Intermediate Java | Codecademy (February 2025)

Java Course | Codecademy (January 2025)

Algorithms and Programming | CSD C and System Programmers Association (July 2024)

Academic English (C1 Level) | Navitas English, Sydney (September 2024)

Bachelor's Degree in Electrical and Electronics Engineering | Istanbul Nisantasi University (June 2021)

Language Proficiency

YDS English Test Score: 78.10 (November 2024)

Volunteer Experience

Volunteer Electrical Engineer - Engineers Sydney

Sydney, Australia | August 2023 – September 2024

- Contributed to local community projects by providing engineering expertise and supporting social responsibility initiatives.

Volunteer Electrical Engineer | TMMOB EMO Sisli

Istanbul, Turkey | January 2017 – May 2023

- Supported engineering students and professionals by participating in various technical projects and professional solidarity efforts.

References

Brian Lucas - Field & Operations Manager | Amazon Sydney

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