

Summary

Computer Engineering student focused on Java backend development. Gained enterprise software development experience through an internship where I worked on a corporate mail management application using Java Spring Boot, Angular, Oracle, REST APIs, DTO-service-repository structures, and frontend-backend integration. Experienced in CRUD operations, database-driven business logic, soft delete processes, bug fixing, testing, documentation, and Git-based development workflows. Seeking Junior Java Backend Developer or Software Engineer roles.

Experience

OYAK Maden Metalurji

Feb. 2026 – Jun. 2026 *Software Engineering Intern*

Istanbul, Turkey

- Worked in an enterprise software development environment using Java Spring Boot, Angular, Oracle, Git, Bitbucket, and Postman.
- Contributed to ID Mail, a corporate mail management application used for managing mail definitions and mail recipient records.
- Supported the migration and improvement of existing application screens from Webix to Angular.
- Developed and updated frontend-backend integration flows by connecting Angular UI actions with backend REST API processes.
- Worked on CRUD-based business processes for mail definition and mail recipient management modules.
- Implemented soft delete behavior by updating record status to passive instead of permanently deleting records.
- Participated in debugging, test environment preparation, documentation, pull request processes, and team-based code review workflows.

Projects

ID Mail Management Application

Java Spring Boot, Angular, Oracle, REST API

- Contributed to the development of a corporate mail management system during the software engineering internship.
- Worked on mail definition and mail recipient management modules, including listing, filtering, updating, and deletion-related operations.
- Contributed to the development of an Angular-based mail recipient viewing page integrated with backend services.
- Worked with DTOs, controller-service-repository structure, request-response models, and database-driven business logic.
- Updated backend service logic for personnel-based mail recipient listing and person-specific mail retrieval flows.
- Implemented status-based deletion logic by setting records to passive status instead of removing them from the database.
- Connected frontend form actions and table operations with backend API flows for listing, searching, updating, and deleting records.
- Supported bug fixing and testing activities before sending completed changes to the test environment.

Student Information System

Java, PostgreSQL

- Developed a desktop-based student information system using Java and PostgreSQL.
- Implemented features that allow teachers to add courses, manage students, and enter grades.
- Applied object-oriented programming principles to organize application logic and improve maintainability.

Cinema Database System

PostgreSQL

- Designed and implemented a relational database system for cinema ticket operations.
- Created database structures for user registration, ticket purchasing, and transaction record management.

- Practiced relational database design, SQL queries, and data modeling concepts.

Pneumonia Detection

Python, OpenCV, Scikit-learn

- Developed an image processing based project for pneumonia detection using lung X-ray images.
- Used Python, OpenCV, and Scikit-learn for image preprocessing and model development.
- Gained experience in basic machine learning workflow and medical image processing concepts.

Education

Inonu University
Malatya, Turkey

2022 – Expected 2026 *Bachelor's Degree in Computer Engineering*

- **Relevant Coursework:** Data Structures, Algorithms, Database Systems, Object-Oriented Programming, Software Engineering, Computer Architecture, Artificial Intelligence

Skills

Programming Languages: Java, Python, SQL **Backend Technologies:** Spring Boot, REST API, JPA, Hibernate, DTO, Service Layer, Repository Pattern **Frontend Technologies:** Angular, HTML, CSS **Databases:** PostgreSQL, Oracle, SQL Server **Tools:** Git, GitHub, Bitbucket, Postman, Docker, IntelliJ IDEA, VS Code **Concepts:** Object-Oriented Programming, MVC, Layered Architecture, CRUD Operations, API Integration, Database Design, Software Development Lifecycle, Debugging **Libraries:** OpenCV, Scikit-learn **Soft Skills:** Teamwork, Analytical Thinking, Problem Solving, Time Management **Languages:** English – Intermediate