BENSU ÖZYURT

Istanbul, Turkey

+90 (546) 613 3548 | bensuozyurt.21@gmail.com | Portfolio | LinkedIn | GitHub

SUMMARY

Aspiring Software Engineer specializing in Computer Systems, Networks and Software with strong foundation in Java, Python, and databases and passionate about building scalable applications and secure systems. Currently pursuing bachelor's in electrical and electronics engineering with a deep interest in cybersecurity, backend and frontend development. Adaptable to new programming languages and technologies as required.

EDUCATION

Koç University, College of Engineering, *Istanbul Turkey*   **Graduation: June 2025**
Electrical and Electronics Engineering (*4th year student*)   **(Expected)**
  Specialization Track: Computer Systems, Networks and Software
  Relevant Coursework: Data Structures & Algorithms, Java Programming, Computer Networks, Python Programming, Database Management Systems, Mobile Device Programming, Computer Network Security

TECHNICAL SKILLS

Languages: Java, Python, SQL, HTML/CSS, C, C++, JavaScript
Database: SQLite, MySQL, PostgreSQL
Frameworks & Tools: REST API, Postman, Bootstrap, Wireshark, Flask
Other: Version Control (Git), Object-Oriented Programming, Socket Programming, Data Structures & Algorithms, Java Multithreading, Packet Sniffing

INDEPENDENT PROJECTS

AlphaVantage (Java) [GitHub]
- Developed a multithreaded server capable of handling multiple client connections. Integrated REST API to connect with Alpha Vantage API for retrieving exchange rate and natural gas data. Parsed and structured data for clear client delivery.

TCP/SSL Connection to the Server (Java) [GitHub]
- Developed a secure, mutithreaded server using Java SSL to enable safe file transfer across separate ports (Port 88 for TCP , Port 89 for SSL) to see the difference. Implemented multithreding to prevent blocking on server side and also in client side, ensuring smooth client connection.

EXPERIENCES

Mercedes-Benz Financial Services, *Istanbul, Turkey.*   **July 2024-Present**
Drive-Up IT Intern
- Automated test cases using Postman and JavaScript, increasing online testing efficiency by 95%.
- Collaborated with cross-functional teams to troubleshoot and resolve database issues using SQL Server Management Studio.

Evry Electrical Cars and Transport Solutions incorporated Company, *Istanbul, Turkey*   **July- Aug 2023**
Software Developer Intern
- Designed and developed a fan application for electric vehicles using Java, enhancing user experience through a responsive interface.

ACTIVITIES

Vestel Innovates Journey in AI, *Case Study Challenge*   **2023**
- Won the Vestel Innovates Journey in AI challenge with my team by developing a machine learning system in Python with an impressive 88% reliability score. Used Pandas library to clean the data.

Koç University Women Engineers Society, *Member*   **2021-present**
- Gave several Python classes to a group of high school students improving their programming fundamentals and problem-solving skills.

LANGUAGES: **Turkish** (Native) | **English** (Advanced) | **Spanish** (Intermediate)