Yusuf Okuducu

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Summary

Senior Computer Science student with hands-on experience in full-stack web development, software testing, and system architecture. Proven track record in developing scalable web applications using modern technologies including React, Node.js, and cloud platforms. Experienced in implementing comprehensive testing strategies, API development, and performance optimization. Strong foundation in multiple programming languages and passionate about creating innovative solutions through continuous learning and technical excellence.

Experience

Innoversat İstanbul, Turkey (Remote)
Associate Software Developer October 2024 – July 2025
Web Development: Built and maintained full-stack web applications with modern frontend/backend technologies
Testing: Implemented comprehensive testing strategies including unit, integration, and end-to-end tests for web systems
Logging: Designed logging mechanisms for system monitoring, debugging and performance tracking
API Development: Worked with RESTful APIs and microservices for scalable web solutions
Frontend: Developed responsive user interfaces using React/JavaScript frameworks
Backend: Built server-side applications with database management and optimization

Social Office İstanbul, Turkey (Remote)
Intern August 2025 – September 2025
Completed advanced training programs in Python programming for data analysis and automation, AutoCAD for technical drawing and 3D modeling, Excel for advanced data manipulation and business intelligence and Adobe Photoshop for digital image editing and graphic design. Gained proficiency in Python libraries for data processing, AutoCAD parametric design techniques, Excel VBA programming for workflow automation and Photoshop advanced compositing and retouching techniques.

Certificates

Istanbul Data Science Academy Remote
Google Cloud Data Analyst Bootcamp

AI BUSINESS SCHOOL/Global AI Hub Remote
Machine Learning Bootcamp

AI BUSINESS SCHOOL/Global AI Hub Remote
Introduction to Machine Learning

Technical Skills

Programming Languages: Python, C, C#, GO, TypeScript, React, JavaScript
Tools and Technologies: Google Cloud Platform, FastAPI, Django, Next.js, SQLite, PostgreSQL, Git, GitHub, Linux, Shell Scripting, Unity, Docker, Kubernetes
Abilities: Data Analysis, Machine Learning, Data Visualization, SQL, Cybersecurity, API Development & Integration, Game Development

Education

Necmettin Erbakan University Konya, Turkey
B.Sc. in Mathematics and Computer Sciences September 2021 – June 2026

Adana Middle East College Adana, Turkey
Department of Mathematics September 2018 – June 2019