Gokhan Asilturk

Full Stack Developer & Software Engineer

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EXPERIENCE

WoGamer – *Backend Developer*   **Jul 2024 - Mar 2025**

- Java Backend Development: Engineered and maintained a Spring Boot/JWT-based backend system for 6 months, ensuring 99.9% uptime with automated tests processing 2,000+ API calls daily.
- Refactored the codebase to improve maintainability, facilitating the MVP process during a 5-month development period.
- DevOps Execution & Investment Support: Implemented a continuous deployment pipeline that reduced release cycles by 40%, ensuring high system reliability; contributed to investment efforts by showcasing scalable performance and a robust architectural design.

ACK GLOBAL – *Video Editor*   **Dec 2020 - Dec 2022**

- Video Production & Editing: Edited and produced over 40 video projects, ensuring 100% on-time delivery and reducing project turnaround time by 30%.
- Quality Enhancement: Improved video content both technically and aesthetically, resulting in a 25% increase in client engagement and consistently high satisfaction ratings from over 90% of client feedback.

PROJECTS

Vector Link AI Search – GitHub: VectorDB_Link_Search   **Apr 2025 - Apr 2025**

- RAG System & Vector Search: Implemented a Python 3.8+ solution that scrapes web links, segments text, generates embeddings with Sentence Transformers ('paraphrase-multilingual-mpnet-base-v2'), and indexes them in ChromaDB for rapid cosine similarity searches.
- LLM-based Answer Generation: outes top sentences into a local LLM (Ollama with Gemma3:1b or LLaMA 3) to create natural language responses.

ExtendRent - Rent a Car Application – GitHub: ExtendRent   **Feb 2024 - Apr 2024**

- Team Leadership & Backend Development: Managed a team of four while developing and implementing the backend for the "extendRent" feature of the car rental application using Java.
- Architecture & System Performance: Architected a secure, multi-layered MVC system using Spring Boot and Spring Security; achieved 99.9% uptime and processed over 500 extension requests daily with no failed transactions.
- Frontend Collaboration: Contributed to a responsive front-end design using JavaScript, TypeScript, React, Redux Toolkit, and Interceptor technologies.

Data Analysis Projects – GitHub: Colab_Python_Projects   **Oct 2022 - Dec 2022**

- University Projects: Created console-based applications focused on data science as part of university assignments.
- Technology Stack: Utilized Python 3.9, Numpy, Pandas, and Matplotlib in various projects.

EDUCATION

Odessa Polytechnic National University(Ukraine) – *Software Engineering*   **Sep 2020 - Jun 2024**

- Specialized in designing, developing, and testing robust software systems, with a focus on scalable architecture, algorithm optimization, and agile methodologies to solve complex technical challenges.

SKILLS

Languages
- **English**: Intermediate (B1) – **Russian**: Upper Intermediate (B2) – **Ukrainan:** Upper Intermediate (B2) – **Turkish**: Native.

Technical Skills
- **Programming & Frameworks:** Java, JavaScript, TypeScript, C#, Python; Node.js, Spring Framework (Spring Boot, Spring MVC, JPA & Hibernate, Maven), .NET; React.js, Redux Toolkit, HTML/CSS, Formik/Yup
- **Databases:** Oracle, PostgreSQL, MySQL, MSSQL, ChromaDB, QDrantDB
- **DevOps & Cloud:** Docker, CI/CD pipelines, Microsoft Azure, Shell/Bash scripting
- **Methodologies & Testing:** Agile (Scrum, Kanban), RESTful APIs, Object-Oriented Programming (OOP), TDD (Test-Driven Development), DDD (Domain-Driven Design); Unit, Integration, and Functional Testing
- **Tools & Platforms:** Git, GitHub, Heroku, Postman, Swagger, IntelliJ IDEA, Visual Studio Code

CERTIFICATES

- **Introduction to AI** – Python,Ollama   **Apr 2025 - Apr 2025**
- **Tobeto Istanbul Kodluyor** – Java & React(TypeScript) Full Stack Development   **Oct 2023 - Mar 2024**
- **Backend Java Developer Bootcamp** – Java, JWT   **Feb 2023 - Apr 2023**
- **Qualified Software Developer Camp (Kodlama.io)** – Java&React   **Nov 2021 - Jan 2022**