



SERKAN KORKAC

SOFTWARE DEVELOPER

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PROFILE

I take on roles as both a developer and a leader in software development processes, guiding teams and actively participating in technical decision-making. I develop scalable, high-performance solutions for web and mobile applications. I work with modern technologies such as Vue.js, React.js, Node.js, NestJS, and Django, playing an active role in both frontend and backend development.

I have contributed to projects like Visivi, rezMe, and Scrypto; within the scope of Scrypto, I was involved in developing and training AI models using RT-DETR and Vision Transformer. I manage CI/CD integrations by utilizing Git and Docker in DevOps processes, making the software development lifecycle more efficient. As a software developer with a user-centric approach, a strong focus on performance optimization, analytical thinking, and problem-solving skills, I continue to add value to projects. I make it a priority to stay up to date with the latest technologies and implement the most current solutions in my projects.

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER (REMOTE) **CONTENTRAIN, TURKEY** MAY 2021 – PRESENT

Job Description and Responsibilities:

- LANISTA SOFTWARE & CONTENTRAIN, Turkey operate under the same umbrella, and I am currently working within this structure.
- I identify and fix coding errors to enhance software efficiency.
- I detect and resolve issues before product deployment, saving time and resources.
- As a team, we design and develop user-friendly interfaces to improve the user experience.
- I develop new solutions to optimize application performance and make software processes more efficient.
- I take on both developer and leadership roles in backend and frontend development, actively participating in technical decision-making.
- I contribute to efficient development processes by managing project workflows and ensuring team coordination.

PARTNER AND SOFTWARE DEVELOPER (REMOTE) **SCRYPHO HANDWRITING ANALYSIS, LONDON** JANUARY 2020 – PRESENT

Job Description and Responsibilities:

- As a team, we actively participate in the development of mobile and web applications, contributing to all stages from software design to coding.
- I communicate directly with clients during testing and debugging processes, evaluating feedback, and providing solutions.
- As a team, we develop and implement strategies to strengthen relationships with business partners.
- I prepare and present reports on the progress of projects and initiatives.
- As a team, we continuously collaborate to enhance user experience and optimize software processes.

SENIOR FULL STACK DEVELOPER (REMOTE) **LANISTA SOFTWARE & CONTENTRAIN, TURKEY** OCTOBER 2019 – PRESENT

Job Description and Responsibilities:

- I serve as a project lead in web and mobile projects, managing the development processes.
- As a team, we handle the backend development of the Contenttrain project and actively contribute to many frontend improvements.
- I develop mobile and web applications using the JavaScript ecosystem. As a team, we work on the server side with Node.js and related frameworks and on the client side with Vue.js and React.js.
- I have worked extensively with Nuxt.js and Next.js frameworks for SSR and similar solutions.
- As a team, we actively participate in analyzing and developing user interfaces, optimizing them for performance and usability.
- I mentor junior developers, helping them adopt best industry practices and fostering collaboration within the team.

TEST DEVELOPER INTERN

EMINEVİM

EMINEVİM, ISTANBUL

JUNE 2019 – AUGUST 2019

Job Description and Responsibilities:

- During my internship, I participated in test development processes and worked on software testing.
- I conducted application and system tests to identify bugs and, as a team, provided feedback to the development team through detailed bug reports.
- I contributed to the software quality control processes by preparing test scenarios.

EDUCATION

ASSOCIATE DEGREE | 2018 – 2020

COMPUTER PROGRAMMING, VAN YUZUNCU YIL UNIVERSITY

I gained proficiency in fundamental software development, database management, and algorithm logic in the field of computer programming. Through studies on programming languages, data structures, and system analysis, I strengthened my technical skills. While enhancing my problem-solving abilities, I also developed analytical thinking and a strong understanding of software processes through experience in various projects.

SKILLS

- **Frontend Development:** I develop dynamic, scalable, and performance-oriented user interfaces using Vue.js, React.js, JavaScript, and TypeScript. By specializing in Single Page Applications (SPA) and Server-Side Rendering (SSR) solutions, I create interactive web applications that enhance user experience. I utilize Next.js and Nuxt.js frameworks to build SEO-friendly and high-performance applications.
- **Backend Development:** I develop scalable and secure backend solutions using Node.js, NestJS, and Express.js. By building RESTful and GraphQL APIs, I optimize data flow between applications. I have experience with microservices architecture and event-driven systems, ensuring flexibility and efficiency in large-scale projects.
- **Python and Web Frameworks:** I develop web applications using Django and Flask frameworks, actively contributing to data processing, API integrations, and data analysis processes. I optimize database management with Django ORM and Flask SQLAlchemy. By leveraging Python's capabilities in data science projects, I create analytical solutions.
- **Database Management:** I work with database technologies such as PostgreSQL, MongoDB, and Supabase to create optimized data storage solutions for high-traffic systems. I have experience with both SQL and NoSQL databases and specialize in relational database management, indexing, and optimization processes.
- **Mobile App Development:** I develop performance-oriented and cross-platform mobile applications using React Native.
- **UI and Styling Technologies:** I design modern, responsive, and accessible user interfaces using HTML5, CSS3, Bootstrap, and Tailwind CSS. I am proficient in component-based UI development and create flexible, reusable components following Atomic Design principles.
- **Version Control and DevOps:** I ensure an efficient workflow within the team using Git and manage the development and deployment processes of applications with Docker. By automating CI/CD pipelines, I enable secure and seamless application deployment.
- **Performance and Optimization:** I optimize performance in web and mobile applications to reduce load times and enhance user experience.
- **Problem-Solving Ability:** I accelerate processes by developing analytical and practical solutions to complex problems encountered during software development. I am experienced in debugging and implementing effective solutions.
- **Responsibility and Teamwork:** I take on leadership roles within the team, coordinating software development processes. I manage tasks efficiently, taking responsibility in team projects while contributing both individually and collectively throughout the development cycle.

LANGUAGES

- Turkish (Native)
- English (B2)

REFERANCES

References will be provided upon request and in compliance with Personal Data Protection Law regulations, following a discussion.