**Vasil Iliev – Software Engineer**

*Summary*

Full Stack Web Developer specializing in front-end and back-end web development. My primary focus lies in building scalable, high-quality web applications that provide exceptional user experience. Combining creativity in front-end design with precision in backend development, I aim to deliver seamless and functional solutions. Passionate about designing robust databases and implementing efficient programming patterns, I am continually developing my skills to ensure optimal performance and maintainability.

Over the past three years, I have successfully contributed to numerous projects, adapting quickly to new environments and demonstrating efficiency from the start. My strong interpersonal skills and collaborative mindset have consistently enabled me to integrate smoothly into teams, ensuring projects are delivered on time and to the highest standards. Dedicated to growth and teamwork, I strive to combine technical expertise with effective communication to achieve exceptional outcomes.

*Specialties*

Full Stack Web Development, JavaScript, TypeScript, React, Redux, Redux Saga, NodeJS, Angular, RxJS, NgRx, MongoDB, SQL, Express JS, SCSS, Tailwind, MUI, bootstrap

*Education*

* Telerik Academy Computer Software Engineering
* Cisco CCNA Introduction to networking
* Software Engineer professional certificate by Bulgarian Ministry of Education
* NATFA 'Krastyo Sarafov' bachelor’s degree
* ‘Friedrich Schiller’ German Language School, Ruse, Bulgaria

*Skills and Technologies*

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| **Human Languages** | English - Fluent  Bulgarian – Native  German - weak |
| **Primary Programming Languages** | TypeScript/JavaScript |
| **Secondary Programming Languages** | Java, Python |
| **CRM Platforms** |  |
| **Database Servers** | MongoDB, SQL, Firebase |
| **Development Tools and Version Control** | Git, Gitlab, GitHub, Bitbucket |
| **Project Management tools** | Jira, Azure |
| **Paradigms** | Object-oriented programming, Functional Programming |
| **Other Languages and standards** | JSON, HTML5, CSS3, XML |
| **Application Servers** |  |
| **Mobile Development** |  |
| **Operating Systems** | Windows, Linux |
| **Others** | Design patterns and algorithms, Clean architecture, Clean code, CISCO Networking |
| **Project Management Methodology** | Waterfall, Agile – Scrum/Kanban |

*Professional Experience*

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| **Project details & Tech stack** | **Responsibilities & Business value** |
| **Wellness Infotainment System Application**  **Client / Company:** IAV GmbH  **Role:** Software Engineer  **Project term:** 1 year 4 months  **Team size:** 4  **Technology Stack** JavaScript, TypeScript, React, Redux, Node, Internal VW libraries, Git, Gitlab | **Responsibilities within the project:**   * Participated in implementation of completely new features, utilizing car integrated features. * Active communication with clients * Delivery within project time frame * Version control responsibility * Passing the project knowledge to another team |
| **Project**:  **Wellness is an in-car infotainment web application designed to provide immersive driving experience by seamlessly integrating and utilizing the car's advanced features.**  I consider this one of the most exciting projects I’ve been part of. Developed for VW ID cars, the project integrates all the vehicle’s advanced features, including the climate system (seat heating and venting, steering wheel heating, dual-zone Climatronic), as well as the electromagnetic panoramic roof, ambient lighting, seat massage, and smart lights. The app's goal was to create customized programs that combine these features to provide an immersive and personalized in-car experience for the driver. I also had the opportunity to travel frequently to the factories, where I developed the application directly in the car—an incredibly rewarding experience. |
| **Saint Sofia Management System**  **Client / Company:** “Saint Sofia” private school  **Role:** Software Engineer  **Project term:** 5 months  **Team size:** 2  **Technology Stack:** JavaScript, TypeScript, React, NodeJs, Express, MongoDB, mongoose, MUI, Docker, Git, Gitlab | **Responsibilities within the project:**   * Taking ownership of the project and communicating with the client directly as project representative. * Both front end and backend implementation * Version control responsibility * Delivery within project time frame |
| **Project**:  **Saint Sofia School Management is an application designed to meet the needs of a private school, providing tools for creating and managing exams, tests, and assignments.**  What made this project particularly interesting was that it was already live when I joined, but no new features had been added for a significant period. At the client’s request, I began implementing new features to enhance the application. The lead developer who originally built most of the system was no longer available, so my colleague and I had to take ownership of the project, working through unfamiliar technologies to expand and improve it. The project was especially engaging due to the client’s demand for innovative features, such as creating complex relationships between data entities and integrating various APIs, including AI functionality. |
| **Celonis Bank Application**  **Client / Company:** Celonis  **Role:** Software Engineer  **Project term:** 3 months  **Team size:** 4  **Technology Stack:** JavaScript, TypeScript, React, Redux, Redux Saga, MySQL, Git, Bitbucket | **Responsibilities within the project:**   * Refactor front and back end * Version control responsibility * Delivery within project time frame   Mentoring fellow developers on improving the application by applying best programming practices and effectively utilizing the relevant technologies.  **Project**:  **Celonis bank app is a fintech project, developed by Celonis.**  Our team joined the project as consultants, and it proved to be one of the most challenging tasks of my career. The codebase was written in an outdated, highly imperative style, with little to no use of modern ES6 standards. It relied heavily on legacy approaches and deprecated practices, making it difficult to maintain and scale. My primary responsibility was to refactor the frontend while also supervising and mentoring other developers. I focused on teaching them how to maintain and improve the codebase using modern programming practices, ensuring it would be clean, efficient, and scalable for future development. |
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| **WeCharge Infotainment System Application**  **Client / Company:** IAV GmbH  **Role:** Software Engineer  **Project term:** 1 year 1 month  **Team size: 15**  **Technology Stack:** React, Node, Redux, Leaflet, Internal VW libraries, Git, Bitbucket | **Responsibilities within the project:**   * Participated in design and implementation * Front end work * Complete frontend features roadmap * Version control responsibility * Delivery within project time frame * Lightweight final product because of technology stack   **Project**:  **WeCharge is an in-car infotainment web application designed to streamline the management of electric vehicle charging stations and subscriptions.**  **WeCharge** is an integral part of the Volkswagen Group's in-car infotainment system, available in select models of VW, SEAT, and Škoda. This advanced web application features a built-in navigation tool that provides real-time information on charging station locations, availability status (busy or free), and current electricity prices at each station. Designed to enhance the electric vehicle experience, WeCharge ensures drivers can plan their journeys efficiently and always stay informed. |
| **Impulse communication platform**  **Client / Company:** Telerik  **Role:** Software Engineer  **Project term:** 7 months  **Team size: 2**  **Technology Stack:** React, TypeScript, Firebase, MIU, Git, Github | **Responsibilities within the project:**   * Participated in design and implementation * Front end and backend work * Use of CMS * Authentication, protocols for security * Version control responsibility * Rich design and user experience * Pair programming   **Project**:  **Impulse** is a communication web application, designed to meet the needs of multiple teams working over different projects.  Application goal was to meet the collaboration needs of multiple teams across various projects. It streamlines communication by providing centralized messaging, task organization, and project management tools, ensuring seamless interaction and improved productivity. With an intuitive interface and features like group chats, file sharing, and real-time notifications, Impulse empowers teams to stay connected and aligned, regardless of project scope or complexity. |