# Serhii Korol

Senior JavaScript Developer | Solution Architect

As a seasoned full stack expert with over 5 years of experience, I have played a pivotal role in developing exceptional applications across JavaScript and Python platforms. My expertise extends to bridging the gap between design and engineering, fostering collaboration, and establishing a cohesive design language that delivers unparalleled user experiences.

Proficient in the full web/mobile stack, I prioritize open communication and excel in remote team environments where trust is paramount. I am eager to join a passionate and innovative team that values my contributions and provides intellectually stimulating challenges.

## Contact

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Vinnystia, Ukraine

## Education

Odessa National Polytechnic University

**Bachelor's degree, Computer Science**

## Language

**Ukrainian**

**English**

## Expertise

- **Programming Languages and Work Domain:**
  Node.js, ReactJs, Next.js, Vue.Js, Nest.js, MERN stack, MEVN stack, Azure, AWS, Twilio, WPF, WCF, Azure App Services, Azure, AWS, Firebase, GraphQL

- **Database Management Systems:**
  MongoDB,  PostgreSql, MySql, Sql Server, Aws DynamoDB, RedisDB, Azure CosmosDB

## Professional Experience

**2021 - 2023**

**Invatu**

### Senior Full-Stack Developer (MERN)

● **Responsibilities:**
Collaborate with domain experts to understand the specific needs, constraints, and regulatory requirements of E-commerce, Financial, and Healthcare sectors.
Architect and develop robust, scalable, and modular software systems that can be adapted to different domains.
Create architectural documentation, design patterns, and guidelines for consistent system development across domains.

● **Technologies:**
Typescript, React.js, Next.js, Vue.js, MERN, MEVN, Tailwind CSS, Material UI, Node.js, Express.js,  MySQL, MongoDB, Three.js, Git, Swagger, AWS, Azure, ASP .NET Core

**2020 - 2022**

**NERDZZ**

### Full-Stack Software Engineer

● **Responsibilities:**
Lead and manage the frontend team in breaking down tasks based on features/priority and assigning tasks in building frontend solutions for clients.
Communicating with the backend team lead to get a working solution for a client project.
Developed front-end user experience using React.JS, Redux, and Restful APIs and Headless CMS.

● **Technologies:**
Typescript, React.js, Next.js, MERN, Tailwind CSS, Material UI, Express.js, Three JS. MySQL, MongoDB

- **Programming Methodologies and Patterns:**
  SOLID, Microservices, MVC, MVVM, Singleton design pattern, Factory pattern, Command Pattern, ObserverPattern, Object-Oriented Concepts(OOPs), Microservices, DDD(Domain Driven Design), TDD(Test Driven Design)

- **Web Service Testing Consoles:**
  Postman, REST Console, Swagger

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- **Server:**
  Docker, Kubernetes, IIS(6.0,7.0,8.0), Nginx, Express, Azure AKS, AWS containers

- **Project Management Tools :**
  Atlassian JIRA, Trello, Hubstuff, ClickUp, Clubhouse, Kiss flow

- **Version Control Systems :**
  GIT, Github, Gitlab, Bitbucket, KDiff, Tortoise SVN

- **Continuous Integration and Deployment :**
  Team Foundation Server with Git, CircleCI, App Harbor, Jenkins

- **CRM, CMS, and others :**
  Strapi, Contentful, nopCommerce, Microsoft Intune, Microsoft CRM Dynamics 365, Salesforce, Hubspot, Umbraco, Sharepoint

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**2019 - 2020**
**Authority Partners**
**Full-Stack Developer**

• **Responsibilities:**

Sitefinity CMS Customization: Develop custom modules, widgets, and templates within Sitefinity CMS to support document management functionalities tailored to HR workflows.

Integrate Sitefinity CMS with third-party systems and HR tools, such as payroll systems, applicant tracking systems, and employee portals.

Implement advanced document categorization, tagging, and metadata functionalities to enhance document search and retrieval capabilities.

Design and build version control mechanisms to track document revisions and changes, ensuring data accuracy and compliance.

# References

## Full-Stack Development Portfolio

### Ferrari World - Theme park (Tickets booking platform)

ferrariworldabudhabi.com will showcase a range of features to engage users and promote Ferrari World Abu Dhabi's offerings. Some of the key features include:

a. Home Page: A visually captivating homepage with interactive lements to showcase key attractions and upcoming events.

b. Rides and Attractions: Detailed descriptions, images, and videos of each ride and attraction available at the theme park.

c. Events and Promotions: Real-time updates on upcoming events, promotions, and special offers.

d. Ticket Booking: Integration with external services for a smooth and secure ticket booking process.

e. Interactive Map: An interactive map of the theme park, enabling visitors to plan their itinerary efficiently.

f. Virtual Tours: Immersive virtual tours of select attractions to give users a taste of the experience.

g. Contact and Support: Contact information and support channels for inquiries and assistance.

h. Responsive Design: A mobile-responsive layout for seamless access on various devices.

### Canteenhub (Lunch ordering systems for schools)

**Project Objectives:** The primary objectives of the Canteenhub project are as follows:

a. Develop a user-friendly and efficient canteen management system.

b. Provide a platform for canteen administrators to manage menu items, orders, and inventory.

c. Enable canteen visitors to view the menu, place orders, and make payments online.

d. Implement real-time order tracking and notifications for users and administrators.

e. Ensure a seamless user experience through a responsive and intuitive web interface.

f. Apply modern security practices to protect user data and prevent unauthorized access.

## Front-End Development Portfolio

1a Pharma

Varta AG

VGH

iF Design