SHOKHRUKH TOSHNIYOZOV

Fairfield City, Iowa 52557 • 641-819-2642
shohwebper@gmail.com • www.linkedin.com/in/shokhrukh-toshniyozov-969aa113a/

FULL STACK, BACKEND, JAVA SOFTWARE ENGINEER

Full Stack Developer with 4+ years of hands-on experience facilitating data management, analytics, and reporting operations for major organization. Works effectively in independent and team environments, applying strong technical and problem-solving acumen to deliver robust IT solutions in alignment with user needs and big-picture administrative / operational objectives.

Web Services • Design Patterns • Java Programming • User Interface • Front End & Back End Development
OOPS • Database Development • Microservices • Design Patterns • Object Oriented Programming
Data Structures & Collections • Dependency Injection

Languages: Java, JS
Web: Servlets, JSP, HTML5, CSS3
Web Services: REST, SOAP, RPC, GraphQL
Web & Application Servers: Apache Tomcat, Nginx
Frameworks: Spring, Spring Boot, React JS, Next JS, Electron JS, Leaflet JS
Databases: PostgreSQL, Mongo DB, MySQL, Cassandra, Redis
Design Patterns: MVC, Singleton, Prototype, Observer, Strategy, API gateway, Circuit Breaker, CQRS, Saga
SDLC: Agile/Scrum
Tools: Maven/Gradle, NPM, IntelliJ IDEA , VS Code, Docker, Kafka, Hystrix, Zipkin, PuTTY, Terminus, Kubernetes, Postman, Git, JIRA, Trello, MongoDB Compass, Webpack, Gulp, AWS
Platforms: MacOS, Linux OS

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

AGENCY OF PLANT PROTECTION & QUARANTINE OF THE REPUBLIC OF UZBEKISTAN, Tashkent, Uzbekistan • 2018-2022
National plant protection and quarantine enforcement agency.

Full Stack Web Developer
Managed and developed organization's ERP system.
- Played key role in developing, analyzing, and deploying application to production.
- Built online license and phytosanitary certificate issuer platform for national herbal products' importers and exporters.
- Created intelligent dashboard to analyze and visualize export / import statics of herbal products.
- Successfully integrated with third-party payment APIs.

Technologies Used: Java, Python, JS, Spring Boot, Django, React JS, Next JS, Leaflet JS, PostgreSQL, MongoDB, Redis, Kubernetes, Git, Linux, IntelliJ IDEA

ACADEMIC PROJECTS

Mini Twitter, MIU (2022): Created web-based application similar to Twitter, providing users with tools for creating tweets, reacting to tweets, sharing news with followers by notifications, and generating feeds.
- ***Technologies Used:*** Java, JavaScript, ReactJS, HTML, CSS, REST, PostgreSQL, Tomcat, Maven, Docker, Firebase, Git, Swagger UI, Spring (Boot, Security), Hibernate

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Alumni Management Portal, MIU (2022): Developed web-based application, improving current procedures for tracking college graduates. Application provides alumni data to faculty and allows alumni to update current job status.
- *<u>Technologies Used:</u>* Java, JavaScript, ReactJS, HTML, CSS, REST, PostgreSQL, Tomcat, Maven, Docker, Firebase, Git, Swagger UI, Spring (Boot, Security), Hibernate

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EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion December 2024)
Maharishi International University – Fairfield, Iowa

Key Courses: Web Application Architecture, Enterprise Architecture, Software Architecture, Cloud Computing

Bachelor of Science in Computer Science *(2021)*
Inha University in Tashkent, Tashkent, Uzbekistan