

# SHOKHRUKH TOSHNIYOZOV

Plano City, Texas 75023 • 641-819-2642

[shohwebper@gmail.com](mailto:shohwebper@gmail.com) • [www.linkedin.com/in/shokhrukh-toshniyozov/](http://www.linkedin.com/in/shokhrukh-toshniyozov/)

---

## FULL STACK, BACKEND, JAVA SOFTWARE ENGINEER

Full Stack Developer with 5+ 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, Selenium

**Databases:** PostgreSQL, Mongo DB, MySQL, Cassandra, Redis

**Design Patterns:** MVC, Singleton, Prototype, Observer, Strategy, API gateway, Circuit Breaker, CQRS, Saga

**SDLC:** Agile/Scrum

**Tools:** Jenkins, 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 studies and seeking for a job opportunity (Available for full-time, W-2 employment).

### Amazon Web Services, Dallas, Texas • 2023-2024

It is a subsidiary of Amazon that provides on-demand cloud computing platforms and APIs to individuals, companies, and governments, on a metered, pay-as-you-go basis.

#### Software Engineer

Modernized AS/400 programs into Java applications.

- Led the modernization of legacy AS/400 applications to robust Java-based solutions, enhancing system performance and scalability.
- Conducted comprehensive debugging of migrated applications to ensure functionality matched legacy operations, resolving discrepancies and optimizing code for improved efficiency.
- Designed and executed Selenium scripts for automated testing, significantly reducing manual testing effort and accelerating the QA process.
- Developed and maintained Jenkins pipelines to automate build, test, and deployment processes, facilitating continuous integration and continuous deployment (CI/CD) practices.
- Acquired foundational knowledge in RPG and COBOL, enabling effective communication with legacy system stakeholders and smoother translation of business logic to modern applications.

**Technologies Used:** Java, RPG(basic), RPGLE(basic), Cobol(basic), Spring Boot, Angular JS, PostgreSQL, Redis, Git, Linux, Eclipse, Selenium IDE

**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, Kafka, 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

**SHOKHRUKH TOSHNIYOZOV**

641-819-2642 • [shohwebper@gmail.com](mailto:shohwebper@gmail.com)

---

**ACADEMIC PROJECTS – Continued...**

**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.

- **Technologies Used:** Java, JavaScript, ReactJS, HTML, CSS, REST, PostgreSQL, Tomcat, Maven, Docker, Firebase, Git, Swagger UI, Spring (Boot, Security), Hibernate
- 

**EDUCATION**

**Master of Science in Computer Science**

(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