

Andriy Shtumpf

Palm Coast, FL | (347)-302-2773 | shtumpf.andriy@gmail.com | www.linkedin.com/in/andriy-shtumpf

Profile - Full Stack Software Developer

Results-driven Full Stack Software Developer with 7+ years of experience in the full software development lifecycle. Specialized in designing, developing, and deploying high-performance, scalable web applications using modern technologies. Proven expertise in microservices architecture, CI/CD pipeline automation, and system optimization, leading to significant improvements in efficiency and stability. Adept at leading cross-functional teams and mentoring junior developers to foster a culture of technical excellence.

Experience

MIDDLE/SENIOR FULL STACK SOFTWARE ENGINEER / ELEKS INK (CONTRACTOR FOR HCSC). – FLORIDA, USA | SEPTEMBER 2021 – PRESENT

- Architected and spearheaded a high-impact refactoring initiative, migrating a monolithic Java 8 application to a scalable, cloud-native microservices architecture using Spring Boot 3. This project directly reduced deployment time by 42% and lowered production incidents by 36%**, significantly enhancing system stability and developer velocity.
- Designed and deployed fully automated CI/CD pipelines (GitLab, Jenkins, Concourse, UCD), which **slashed deployment downtime by over 60%** for internal teams.
- Engineered and optimized high-performance reactive streams, **reducing memory consumption by over 30%** for real-time data processing.
- Delivered a high-performance, full-stack web application for internal analytics using Spring Boot and React, improving page load speed by **53%** and increasing user engagement.
- Championed software development best practices and mentored junior engineers, significantly improving team proficiency in Spring Boot and microservices through hands-on code reviews and pair programming.
- **Engineered and deployed an internal AI agent integration** using **multimodal models** to automate data processing workflows

FULL-STACK DEVELOPER / ITALY DESTINATION SERVICE - CASPER, WY | JUNE 2016 – JULY 2021

- Architected and developed a primary digital booking platform from the ground up, managing the full development lifecycle for both the front-end (React, Redux) and backend (Java, Spring Boot).
- Pioneered the integration of Next.js for server-side rendering, which accelerated page load times by an estimated 40% and boosted SEO rankings.
- Established a foundation of quality by implementing comprehensive unit and integration testing frameworks for both back-end (JUnit, Mockito) and front-end (Jest), ensuring a reliable and robust application.
- Delivered a feature-rich, client-facing booking platform with an interactive and intuitive user interface, ensuring a cohesive and seamless user experience.

Education

- **MASTER OF ECONOMICS AND INTERNATIONAL POLICIES** | SEP 2014 - NOV 2017 | USI (UNIVERSITY OF LUGANO) – ASERI (GRADUATE SCHOOL OF ECONOMICS AND INTERNATIONAL RELATIONS) – LUGANO SWITZERLAND – MILAN ITALY
- **BACHELOR OF POLITICAL SCIENCE, INTERNATIONAL ECONOMIC RELATIONS** | SEP 2008 - FEB 2012 | LA SAPIENZA – ROME ITALY

Technical Skills

Languages: Java (8, 11, 17+), JavaScript (ES6+), Python, TypeScript, SQL

Frameworks & Libraries: Spring Boot, Spring Cloud, Spring Security, Spring WebFlux, Hibernate, JPA, Micronaut, React.js, Next.js, Redux

Cloud & DevOps: Amazon Web Services (AWS), Microsoft Azure, Docker, Kubernetes, CI/CD, GitLab, Jenkins, Maven, Gradle, Terraform

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis, Neo4j, Apache Kafka

Architecture & Design: Microservices Architecture, Cloud-Native Design, RESTful APIs, Distributed Systems, Asynchronous Programming, Event-Driven Architecture, Low-Latency Systems, OAuth 2.0

Testing & QA: JUnit, Mockito, Cucumber, Jest, Selenium, TDD/BDD

Tools: Git, JIRA, Confluence, IntelliJ IDEA, Visual Studio Code

Certificates

Google AI Essentials

Google Prompting Essentials

Java Programming: Solving Problems with Software

Java Programming: Arrays, Lists, and Structured Data

Soft Skills

- Strong collaboration and communication
- Languages: English, Italian, Spanish, Ukrainian, Russian.