Stefan A

Senior Full-Stack Developer, 6+ years experience
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A Full-Stack Developer who enjoys converting lines of code into value-adding solutions. • As a contractor and freelancer, I have spent 6+ years working in the rapidly evolving tech environment, across industries such as construction, banking, telecommunications and web3. • I thrive in dynamic and multicultural teams, having collaborated with professionals of varying expertise and team sizes. My skills include: • Java, Spring, REST, Microservices • Angular, React, Next.js • AEM (Adobe Experience Manager) • SQL/NoSQL • AWS, Docker, CI/CD, Linux • Solidity, Foundry, Hardhat • Python, Node.js Excited to connect with like-minded professionals and explore new opportunities!

INDUSTRIES: Crypto, Construction, Banking, Telecommunication

TECHNICAL SKILLS

• TypeScript	5 years
• Java	5 years
• REST APIs	4 years
• Angular	3 years
• React	2 years
• Solidity	2 years
• AWS	1 years
• AEM	1 years

SOFT SKILLS

Communication, Teamwork

PROJECT DETAILS

• Solid World October-2022 - October-2023

Project Description: Solid World is an innovative start-up set to make the prepaid carbon credits market liquid and transparent. It needed the right person to implement the core protocol and get the business started.
Responsibilities: » Implemented the core protocol and adjacent smart contracts with 0 critical or major vulnerabilities proven by 3 rounds of audits from Dedaub, securing >$2M TVL. » Developed major dApp features such as cross-chain staking, a REST API for project data, type-safe smart contracts interaction, unobtrusive chain switching, various data endpoints, many more. github.com/solid-world/solid-world-dao-contracts Skills: Solidity, Next.js, AWS, Typescript, Foundry, REST APIs, CI/CD, Docker, Linux, Playwright
Technologies: Solidity, Next.js, AWS, Foundry, REST
Industry: Crypto
Link: https://solid.world

• eDevize February-2017 - October-2018

Project Description: eDevize, a high-profile software provider for construction works estimates, was starting to lose money and users due to heavy competition in their sector. Confronted with an overwhelming number of feature requests, the client decided to go all-in on research & development.
Responsibilities: » Accomplished a 250% sales boost in a 2-year time frame, by designing 7+ highly intuitive features that greatly refined user experience » Automated the process of amending policies in the database, and thus achieved a shorter completion time: from a 4h manual process to <10min Skills: Java, Hibernate, Python, MariaDB, Jasper Reports, Jenkins
Technologies: Java, Python, SQL
Industry: Construction
Link: https://edevize.ro

• Capone November-2018 - November-2020

Project Description: Capone, an important SaaS in the debt collection software market, faced a substantial loss of customers resulted from a slow and unintuitive on-premise application. In response, the company opted to transition to a web-based solution to address these issues.
Responsibilities: » Boosted conversion rate by 10% by designing a customer focused SPA that builds on the fundamentals and takes debt collection software to the next level » Reduced loading times of components from an average of 1s to <250ms and decreased server memory requirements from 8GB to 4GB through optimizing computation of inputs for diagrams and charts, reducing the number of database calls, and caching frequently accessed data » Cut down defect density by 1/4 compared to the on-premise version via systematic code reviews & frequent code refactoring Skills: Java, Spring Framework, Angular, Microservices, Python, Tomcat, Wildfly, Oracle DB, REST, CI/CD
Technologies: Java, Spring, Angular, Python
Industry: Banking
Link: https://astory.tech/capone

• IBM ADDI November-2020 - May-2021

Project Description: IBM ADDI faced a growing number of customer complaints as they struggled to find key insights in mainframe source code, primarily due to a problematic search service.
Responsibilities: » Raised customer satisfaction by 1.5 points on a scale of 1 to 10 by redefining the source file indexing process and enabling requested insights to be found, ironing out a critical memory leak, and writing comprehensive documentation for the complete search functionality » Boosted file indexing speed by 15% and searching speed by up to 20% as a direct result of enhancing the indexing process and upgrading the library used for indexing & searching (Apache Lucene) Skills: Java, Spring Framework, Apache Lucene, Python, CI/CD, Microservices, JUnit, DB2-LUW, Regex
Technologies: Java, Spring, Python
Industry: Banking
Link: https://www.ibm.com/products/app-discovery-and-delivery-intelligence

• Telenet May-2021 - June-2022

Project Description: Telenet, one of Belgium's leading internet service providers, suffered from poor customer engagement, and decided to board the train of tailored customer experiences by integrating 'next best actions' across all marketing channels.
Responsibilities: » Decreased customer churn rate by 1.5% by developing an easy to maintain NBA solution that enhances the experience for over 15k customers daily. » Achieved a tenfold decrease in expenses involved with maintaining the content management system in sync with the decisioning hub, by implementing an automated system mediation process. Skills: Angular, Java, Adobe Experience Manager, Docker, REST APIs, Apache NiFi, JUnit, CI/CD
Technologies: Java, Spring, Angular, AEM, REST
Industry: Telecommunication
Link: https://telenet.be

EMPLOYMENT HISTORY

• Senior Web3 Full-Stack Developer — October-2022 - October-2023

• Senior Java Full-Stack Engineer — May-2021 - June-2022

Telenet

• Senior Java Developer — November-2020 - May-2021

IBM

• Senior Java Full-Stack Developer — November-2018 - November-2020

astory.tech

• Java Developer — February-2017 - October-2018

Exenne Technologies

EDUCATION

• Bachelors degree in Information Engineering from Politehnica University of Bucharest — 2016 - 2020

LANGUAGES

• English - native

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