

# ADRIAN SERRANO

Senior Software Engineer | Java, Spring Boot, React, AWS

**LinkedIn:** [linkedin.com/in/adrian-serrano-brenes](https://www.linkedin.com/in/adrian-serrano-brenes)

**Portfolio:** [adrianserrano.pro](https://adrianserrano.pro)

Senior Software Engineer with 6+ years of experience building, scaling, and maintaining production systems using Java, Spring Boot, React, and AWS. Strong background in backend-driven architecture, cloud-native development, and modern DevOps practices. Comfortable working with distributed teams and taking ownership from design to production.

## EXPERIENCE

### Senior Software Engineer - Lancesoft Inc.

Client: McKinsey & Company | May 2025 - December 2025

- Designed and developed full-stack features using Java, Spring Boot, and React within a microservices architecture deployed on AWS.
- Improved deployment reliability by refining CI/CD pipelines, reducing manual intervention and deployment-related errors.
- Contributed to system scalability and resilience through Docker-based containerization and Kubernetes orchestration.

### Software Engineer - TeKnowledge

Client: OpenText | September 2019 - May 2025

- Core contributor to enterprise-grade security and static analysis platforms within the Fortify Analysis product line.
- Maintained and enhanced large-scale applications built with Java and Spring Boot, ensuring stability in mission-critical environments.
- Automated build and release workflows using Azure DevOps and AWS pipelines, accelerating delivery cycles and improving consistency.
- Progressed into a Software Engineering role after early experience as a Support Engineer (Jan 2017 – Aug 2019) for Data Analytics and ArcSight Security, where foundational exposure to enterprise-scale systems informed later development work.

### Software Engineer - Lanamme UCR

Half-Time Intern | July 2021 - December 2021

- Developed internal asset management tools using C#, ASP.NET, and SQL Server.
- Participated in requirements gathering, database design, and stakeholder meetings, translating business needs into technical solutions.

## EDUCATION

- Licentiate Degree in Computer Engineering and Project Management (2022 - Present) Universidad Estatal a Distancia (UNED), Costa Rica
- Bachelor's Degree in Software Engineering for Information Systems (2014 - 2022) Universidad de Costa Rica, Costa Rica
- Senior Technician in Service Center (2013 - 2014) CENFOTEC University, Costa Rica

## TECHNICAL SKILLS

- **Backend:** Java, Spring Boot, Node.js, Next.js, Microservices, REST API, GraphQL
- **Frontend:** React, Redux, Zustand, JavaScript, TypeScript, CSS, Tailwind CSS
- **Cloud & DevOps:** AWS, Docker, Kubernetes, CI/CD, Jenkins, n8n, Terraform
- **Databases:** MySQL, SQL Server, PostgreSQL, MongoDB
- **Testing:** Jest, Junit, Mockito, Cypress, Playwright
- **Tools & Practices:** Git, GitHub, Jira, Postman, Agile/Scrum

## CERTIFICATIONS

- English Level: B2+ (CEFR)
- CompTIA Linux+
- Ethereum Developer Pack Course - CENFOTEC University (2025)
- Web3 Certification: Blockchain, Solidity, and Governance with Optimism (2024)
- Active Member - CPIC Costa Rica

## LANGUAGES

- English: Advanced
- Spanish: Native
- German: Beginner