

MAURICIO LEDEZMA JIMÉNEZ

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🌐 LinkedIn 🐙 GitHub

PROFILE STATEMENT

Fullstack Software Engineer specializing in Java and JavaScript ecosystems with hands-on experience building production-ready web applications. Expert in developing responsive frontends with React and TypeScript, coupled with robust Spring Boot backend services. Delivered complete web solutions including UI/UX design, RESTful API development, database architecture, and deployment. Recognized for problem-solving abilities, rapid adaptability to new technologies, and effective collaboration in agile development environments.

SKILLS

- **Languages:** Java, Python, C++, JavaScript, TypeScript, Bash, SQL
- **Web Technologies:** React.js, Next.js, Astro, Spring Boot, RESTful APIs, Microservices, HTML5, CSS3, Tailwind CSS, Bootstrap, GSAP, Responsive Design, UI/UX Design
- **Data & Databases:** MySQL, MongoDB, SQLite, Pandas, NumPy, Web Scraping
- **Tools & Practices:** Git, GitHub, Linux, Agile, Scrum, Version Control, Figma
- **Core:** Object-Oriented Programming, Data Structures, Problem Solving, Database Design, UI/UX Implementation

EXPERIENCE

George Angulo Fitness

Jan '25 – Aug '25

Full Stack Developer

San Pedro, San Jose

- Architected and deployed a production-ready web application for a fitness franchise, delivering a complete fullstack solution from concept to launch.
- Engineered responsive, mobile-first UI/UX using React, CSS3, and JavaScript, ensuring cross-browser compatibility and optimal user experience across all devices
- Implemented comprehensive testing strategies including functional, integration, and quality assurance testing to ensure application reliability and performance
- Conducted stakeholder requirements gathering and iterative validation sessions, translating business needs into technical specifications and delivering on-time project milestones
- Deployed application to production environment with optimized performance and security configurations

PROJECTS

Social Media University Web App | *React, Spring Boot, PostgreSQL, JWT, Redux*

May '24 – Aug '24

- Architected full-stack authentication system using JWT token-based security with Spring Boot backend and React frontend, implementing secure registration, login, and session management for 500+ student user accounts with bcrypt password hashing and role-based access control
- Engineered RESTful API and interactive UI components for user profiles and nested comment threading using React Hooks, Redux state management, and JPA/Hibernate ORM, achieving <200ms API response times

Real-Time Auction Platform | *Java, Spring Boot, WebSockets, MySQL, Bootstrap*

Sept '24 – Dec '24

- Developed concurrent real-time bidding engine using WebSocket and Spring Boot, handling 50+ simultaneous auction sessions with sub-500ms bid propagation latency and optimistic locking via Hibernate to prevent race conditions
- Implemented secure authentication flow and responsive bid management dashboard with Spring Security, JWT tokens, and Bootstrap 5, featuring dynamic price updates and mobile-first design achieving 95+ Lighthouse performance score
- Integrated automated email notification microservice using JavaMailSender and Thymeleaf templating, triggering personalized alerts for outbid events and auction wins

EDUCATION

Universidad Latina de Costa Rica

Jan '23 – Apr '26

Bachelor's Degree in Software Engineering

San Pedro, San José

CERTIFICATIONS

- Linux Professional Institute Certification (June 2025)
- Introduction to Software Engineering - IBM (June 2025)