

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

Full Stack Developer

Jan '25 – Aug '25

San Pedro, San José

- 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 \leq 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

Bachelor's Degree in Software Engineering

Jan '23 – Apr '26

San Pedro, San José

CERTIFICATIONS

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