JUAN CARLOS VALERIO BARRETO

Vice President Digital Software Engineer Lead Analyst

México City, (Central Standard Time)
(+521) 5551079372
jc.valerio.b@gmail.com
https://www.linkedin.com/in/jcvaleriob/
https://valeriobarreto.com

In my current role as Vice President of Software Engineering at Citibanamex, I lead the comprehensive transformation of the Bancanet platform, expertly coordinating multidisciplinary teams to optimize processes and elevate code quality. My technical leadership was crucial in the successful migration to Angular 17, achieving a 30% reduction in build and deployment times and a 25% acceleration in the rollout of new features. Additionally, I have significantly enhanced our documentation practices, establishing robust frameworks that streamline knowledge management and training, ensuring seamless onboarding and continuous learning within our teams.

My commitment to excellence encompasses both technical and administrative leadership. I am currently advancing my expertise through a Master's in Administration and Management of Information Technologies, which is enhancing my ability to oversee large-scale projects and stay ahead of industry trends. My career includes key technical projects in financial services and scientific research, such as developing advanced web applications and optimizing backend systems. This diverse experience has sharpened my technical acumen and strategic planning skills, enabling me to lead initiatives that drive technological innovation and operational efficiency at Citibanamex.

EXPERIENCE

Citibanamex, Vice President Digital Software Engineer Lead Analyst — *Nov 2023 - Actual*

- **Leadership & Coordination**: Implemented new Bancanet features by managing consultant teams and establishing strong communication with technical leads. Standardized UAT deployment, improving workflow efficiency by 20%.

- **Optimization**: Optimized code and processes, enhancing code quality by 15% and reducing technical debt by 30%. I have implemented best practices for maintainable code, speeding up development cycles.

- **Frontline Support**: Ensured high-quality software, reduced post-release issues by 25%, and improved system stability and user experience through rigorous testing.

- **Project Management**: Led the Angular 10 to 17 migration, cutting build times by 30% and accelerating feature rollouts by 25%. Enhanced platform and UI performance.

- **Documentation & Training**: Developed a comprehensive documentation framework, reducing onboarding time by 40% and improving knowledge sharing, maintenance, and scalability.

- **Collaboration**: Fostered a collaborative environment, standardizing communication and reducing merge conflicts by 50%—streamlined workflows for efficient project completion.

Freelance, Software Engineer — *Jun 2023 - Nov 2023*

- **Web Development**: Developed web applications with Next.js for server-side rendering, improving page load times and SEO, which boosted user engagement and site visibility.

- **Responsive Design**: Created cross-device compatible interfaces using TailwindCSS and Bootstrap, ensuring optimal user experience and accessibility, leading to higher user satisfaction.

- **Performance Optimization**: Achieved 95+ Lighthouse scores across all projects, showcasing excellence in performance and best practices. Maintained 100% client satisfaction.

- **Deployment**: Deployed applications with Vercel and Cloudflare, ensuring robust security and global reach, safeguarding data integrity and providing reliable user access.

JUAN CARLOS VALERIO BARRETO
Vice President Digital Software Engineer Lead Analyst

México City, (Central Standard Time)
(+521) 5551079372
jc.valerio.b@gmail.com
https://www.linkedin.com/in/jcvaleriob/
https://valeriobarreto.com

Softtek, Software Engineer — *Jan 2023 - May 2023*

- **SQL Diagnostic Manager Development:** At Softtek, developed the SQL Diagnostic Manager using Angular for a dynamic UI and Node.js for a scalable backend. Enhanced data monitoring and visualization for up to 200 database instances, improving data management and decision-making.

- **Scalability and Performance**: Implemented a scalable Node.js backend, ensuring the system could handle large data volumes smoothly. This solution improved system responsiveness and user experience, supporting complex data analysis for enterprise clients.

Research Solutions, Full-Stack Developer — *Jan 2017 - Jan 2023*

- **Gadget Development**: Led development of 30% of platform gadgets using Angular, optimizing workflows by 70% and improving efficiency and user experience.

- **Backend Engineering**: Implemented a backend with Python and NodeJS, enhancing processing efficiency by 50%, and supporting gadget functionality and performance.

- **Covid-19 Gadget Interface**: Created a key gadget interface summarizing Covid-19 articles, providing access to over 80% of relevant NCBI articles, essential during the pandemic.

- **Office Add-in for Outlook**: Developed a React-based add-in for Outlook, streamlining access to Article Galaxy reference lists and increasing platform engagement.

- **Impact on Sales and Rentals**: The Outlook add-in boosted sales and rentals on the Article Galaxy platform, enhancing user engagement and revenue.

NA-AT Technologies, Software Engineer — *Sep 2021 - Aug 2022*

- **iBoarding Module Development**: Led the creation of the iBoarding module for HSBC's Commercial Banking using Angular, Jenkins, and other tools, reducing loan application processing time by 50%.

- **Technology Integration**: Used Jenkins and Sonar Cloud/SonarLint for continuous integration and code quality, ensuring maintainable and reliable code.

- **Impact and Efficiency**: The iBoarding module improved operational efficiency and user experience, streamlining client interactions and accelerating application approvals.

Freelancer, Web Developer — *Mar 2015 - Dec 2016*

- **Efficiency in Development**: As a freelance software engineer, used JavaScript, CSS, and HTML to cut development time and costs by 50%, optimizing workflows and resources.

- **Key Projects for Major Banks**: Developed cost-effective native applications for Banorte, MetLife, and Banregio, enhancing their digital services and customer experiences.

- **Measurable Impact**: Streamlined processes reduced costs and accelerated timelines, allowing clients to launch products faster, resulting in significant savings and high client satisfaction.

JUAN CARLOS VALERIO BARRETO
Vice President Digital Software Engineer Lead Analyst

México City, (Central Standard Time)
(+521) 5551079372
jc.valerio.b@gmail.com
https://www.linkedin.com/in/jcvaleriob/
https://valeriobarreto.com

Vexilo, Web Developer — Nov 2013 - Mar 2015

- **SEO Optimization**: At Vexilo, optimized over ten websites and e-commerce platforms using Google's best practices and W3C standards, enhancing site visibility and user engagement.

- **Rapid Results**: Achieved top rankings in organic search results within three months, significantly boosting traffic and online presence for businesses.

- **Impact on Business Growth**: Improved search rankings led to increased organic traffic and higher conversion rates, driving substantial business growth and revenue for clients.

Education:
- Master's Degree in Information Technology Management and Direction - MBA (ongoing) 2024 - 2025
- Bachelor's in Computer Systems Engineering, Universidad Bancaria de México, May 2013

Soft Skills	
Category	**Skills**
Communication & Interpersonal Skills	Communication, Empathy, Emotional Intelligence
Leadership & Management	Leadership, Mentoring, Project Management, Decision-Making
Problem-Solving & Analytical Skills	Problem-Solving, Critical Thinking, Strategic Thinking
Teamwork & Collaboration	Team Collaboration, Conflict Resolution, Networking
Personal Attributes	Adaptability, Resilience, Time Management, Attention to Detail, Creativity
Negotiation & Customer Focus	Negotiation, Customer Focus

Hard Skills	
Category	**Skills**
Web Development	HTML/CSS, JavaScript, TypeScript
Frameworks & Libraries	Angular, React, Vue.js
Backend Development	Java, Spring Boot, RESTful APIs, Microservices
DevOps & Cloud	CI/CD, Docker
Version Control & Testing	Git, Jenkins, Testing Frameworks
Databases & Security	SQL/NoSQL Databases, Security Best Practices

Languages:
- English: Intermediate
- Spanish: Native