Israel da Cunha

Full Stack Software Developer

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Passionate Full Stack Software Developer with 10+ years of experience, strong technical skills and a focus on problem solving and customer satisfaction. Cares about continuous learning & self-improvement. Thinks analytically. Likes solving problems creatively and facing challenges. Models and solves software requirements using best practices & patterns in object-oriented systems' design and coding.

WORK EXPERIENCE:

Software Development Engineer, Endava   *2012 - Present*

⋯→ Improved 75% market share on specific sector users' experience by migrating legacy system to forefront technologies for deployment to Linux servers on a cloud computing environment in a mission critical regulated software product.

⋯→ Developed high scale distributed systems for the Health Care sector with a rich UI built on the JS stack. Used Object Oriented techniques and Design Patterns to build reliable and healthy code inside a large software ecosystem. Improved continuous deployment safety by TDD practice.

⋯→ Modernized IoT products for telecom vendor by delivering a uniform UX for different audio/video devices and creating highly responsive back end software to meet users' interaction with the hardware. Increased customer reach and satisfaction by enabling integration of the company's product with already owned devices.

⋯→ Reassured products' management team confidence as a lead dev over complete projects' lifecycle from product specification to continuous delivery using DevOps techniques for orchestration in an agile CI environment. Supervised and implemented object-oriented design best practices and design patterns.

TECH STACK: .Net stack, C#, SQL, SQL BI, NoSQL, JS, HTML5, CSS, MS Build, Angular, Git, C, C++.

Software Developer, TATA Consultancy Services   *2011 - 2012*

⋯→ Migrated complex server financial system to a distributed software system by migrating logic as micro services to cloud computing environment with data migrated to cloud storage causing

adoption of the product by growing customer base (2x increase in first year). Used distributed service-oriented software architecture to accommodate to high requests' load and rapid scalability under strict tolerances.

⋯→ Used advanced programming language/platform features like reflection, caching, etc. for enhanced performance measured by a ~30% reduction in response times among other improvements. Used: N Tier, Onion architecture, Micro Services, DDD.

⋯→ Enabled improved statistics, analysis and decision-making functionality with data driven solutions & business intelligence features using data structures and algorithms applications for efficient large data processing.

TECH STACK: VB, C#, MS Azure, SQL, WCF.

OTHER EXPERIENCE:

⋯→ Developed Web Systems in Java/PHP stacks with responsive JS/HTML front end stack, with deployment strategy on AWS, load balancing and CDN for multimedia management. Improved site pages' load times (example: pages' load time from 2sec. to 0.4 sec.).

⋯→ Improved apps' response times & availability by applying architecture and code design principles and algorithms for parallelizing functions with performance boost measured by a 30 to 40% speed improvement on specific components.

TECH STACK: Java (JSF, Spring MVC), PHP, MySQL, HTML, CSS, JavaScript, JUnit/Jasmine, AWS

SIDE PROJECTS

- Simplebeaut**:** Algorithms tutorial web app (In Progress).
- Nonprofit organization web application to help employees re-join workforce after injury.
- Participates in tech talks about trending technologies, AI or algorithms.

EDUCATION

Informatics Engineering. Universidad Santo Tomás. Medellín, Colombia. (In progress)

2010 **Linux Networks Administrator**. Centro Linux. Montevideo, Uruguay.

2008 **Web Developer**. Círculo Informático. Montevideo, Uruguay.