Pedro Campos

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Summary

As an experienced Senior Software Engineer with over 12 years of hands-on experience, I specialize in architecting, implementing, and scaling software solutions using a modern and efficient stack.

Work Experience

Senior Software Engineer, MustHaveMenus, Oct 2019 – Present

- Created and managed a cluster of servers in AWS to handle thousands of headless Chrome instances using Puppeteer for rendering PDFs, image files, and MP4s for users' menus and designs, resulting in 30% faster rendering times, doubled the service stability and improved user experience.
- Successfully migrated a massive Java and Struts legacy codebase to a modern microservices architecture with Kotlin, Spring, and React, reducing maintenance efforts, and improving system stability by 80%.
- Implemented multiple APIs for a microservices architecture, enhancing communication between microservices, reducing latency, and improving system performance.
- Implemented the e-commerce and back-office system, integrating it with Stripe payments to sell printed menus directly, resulting in a 15% increase in revenue through direct menu sales and improved payment processing.

Software Engineer, MustHaveMenus, Nov 2014 - Sep 2019

- Enhanced rendering reliability by developing a stable PDF and Image renderer using Puppeteer, converting HTML and CSS to output files, reducing rendering errors by 50%
- Facilitated contactless dining by releasing digital products including Link Pages, QR Codes, and Online Menus to aid restaurants during Covid restrictions, resulting in 50% increase in customer retention.
- Implemented a comprehensive search system using Elasticsearch to index metadata for over 25,000 design templates, reducing search response times by 40%.
- Assisted in implementing a scalable Canva-like template editor, increasing the design template library from 5,000 to 25,000 templates..
- Contributed to an online-ordering solution that leveraged data from physical menus to create online menus.

Java Developer, Pernambucanas, Apr 2013 – Nov 2014

- Developed a tax saving solution to avoid double taxation between states that saved *millions* to the company.
- Implemented back-end microservices for in-store handheld devices that drove a 50% increase in wedding gift lists revenue.
- Integrated with a massive Oracle-based system and POS data from hundreds of stores.

Education

Universidade Presbiteriana Mackenzie, Information Systems Bachelor

Skills

Software Architecture, Kotlin, Java, React, Spring, AWS, S3, EC2, RDS, MySQL, JavaScript, TypeScript, Puppeteer, Docker, SysOps, Elasticsearch, Software Development, Performance Measurement and Evaluation, Decision Making and Problem Solving, Agile and Scrum Methodologies, Communication and Presentation Skills