

Aury Silva

Senior Full-Stack Engineer & Software Manager

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PERSONAL SUMMARY

Full-stack Software Manager and Engineer with 10+ years of comprehensive experience architecting web applications, managing modern JavaScript/.NET micro-apps, and leading development operations. Holding a BA in Digital Design, I bridge visually compelling frontends with robust server-side architecture. I have a proven track record of delivering scalable solutions remotely and under minimal supervision, specializing in engineered, tailored micro-applications to ensure streamlined performance, high security, and long-term maintainability.

KEY SKILLS AND COMPETENCIES

- **Backend & Architecture:** .NET Core 8/10, Node.js, Ruby on Rails, Express, MongoDB, MySQL, GraphQL, REST APIs, JWT, Docker
- **Frontend:** React JS & TypeScript, JavaScript (ES6+), HTML, CSS/SCSS, Tailwind CSS, Chakra UI, Material-UI, Bootstrap
- **Cloud, DevOps & Workflows:** Azure DevOps, Azure Storage, CI/CD, Git, GitKraken, Bitbucket, IIS, Jira, ClickUp, LambdaTest, Storybook, Google Cloud
- **CMS & E-Commerce:** WordPress (ACF, WooCommerce), Kentico, Umbraco, Shopify, Drupal, Strapi, Sanity
- **Data migration:** Rclone, Python migration scripts

WORK EXPERIENCE

Full-Stack Engineer & Software Manager | The Powerplus Group
March 2025 - Current

- Architect and manage an in-house compliance application, building robust backend services, automated cron jobs, and complex client APIs using .NET Core.

- Lead frontend development utilising React TypeScript and Chakra UI, driving new features implementations.
- Ensure system reliability, security, and prevent data breaches across client deployments through rigorous code reviews, Azure Portal monitoring, and streamlined CI/CD pipelines.
- Collaborate with async support teams to fulfill client requests and mentor junior developers in implementing robust frontend and backend features.
- Design customised, highly efficient micro-applications rather than distributed microservices to optimize overall performance and maintainability.

Frontend UI Engineer | NetConstruct (IDHL Agency)

Jun 2023 - Dec 2023

- Developed end-to-end UI components utilising styled-components and React TypeScript in collaboration with senior developers.
- Created JSON and GraphQL mock APIs to structure backend data integration, and configured C# backend updates for Kentico and Umbraco CMS.
- Executed software deployments via Azure DevOps and collaborated on codebases using Git/GitKraken.
- Tested cross-browser compatibility using Lambda Test and maintained UI component libraries via Storybook.
- Managing Jira ongoing tickets while working alongside account managers to implement new features and requested client changes.

Frontend/Email Developer | Really B2B (Award-Winning Marketing Agency)

Sep 2020 - Dec 2023

- Developed custom WordPress websites using ACF and HubSpot, and managed a portfolio of group websites.
- Built interactive microsites, landing pages, and quizzes for major stakeholders including Nespresso, British Gas, and Travelodge using HTML, CSS, JavaScript, and jQuery.
- Worked alongside design and automation teams to engineer HTML email templates for enterprise CRMs such as Marketo, Salesforce (Pardot), and Oracle Responsys.

EARLIER EXPERIENCE

- **Frontend Developer** | AGN (African Global Networking) (Sep 2018 - July 2020): Engineered and styled components for a React JS web application alongside backend teams.
- **SEO Technician** | Teal & Mackrill (July 2015 - Feb 2017): Optimized e-commerce platforms, improved search rankings, and managed analytics reporting.
- **Front End Developer** | Avert (Oct 2013 - July 2015): Managed a Drupal CMS for a site receiving 3M+ monthly visitors, executing continuous UI updates and resolving cross-browser accessibility issues.

HIGH-IMPACT PROJECTS

- **OpsPilotCRM.com (React JS, Node.js):**
For the past 3 years, solely engineered and launched a unified operating system for freelancers and marketing agencies. Architected the platform utilising a React/Chakra UI frontend and a Node.js backend to power integrated email marketing, CRM, invoicing, project management, and an AI WordPress SEO generator. Successfully migrated software and production databases to a secure environment.
- **The Royal College of Radiologists (React TypeScript):**
Executed Jira amendments and deployed complex UI updates via Azure DevOps, rigorously testing with Lambda Test and Storybook.
- **Eastern Procurement Limited (React TypeScript):**
Acted as the sole frontend developer during a 5-month contract, building complex interfaces with robust form validations.

EDUCATION & QUALIFICATIONS

- **BA Digital Design** | University of Hull (2017 - 2021)
- **Certified Web Developer & Learn PHP/jQuery** | Codecademy (2014 - 2015)
- **Pathway (Progression to Business)** | Hull College (2012 - 2013)

ADDITIONAL INFORMATION

- **Languages:** Fluent in English and Portuguese
- **References:** Available upon request