

AMANDA PADILLA

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Vision-driven professional with exemplary record of frontend software engineering success

Proven talent for aligning business strategy and objectives with established technical paradigms to achieve maximum operational impacts with minimum resource expenditures. Results-focused candidate with a marked interest in such areas as frontend development, software engineering, and UI engineering roles. Strategic mindset to facilitate critical initiatives to stand out success, partnering with cross-functional teams and external stakeholders alike. Exceptionally dedicated professional with keen interpersonal, communication, and organizational skills for the modern tech landscape.

CORE COMPETENCIES

- Frontend Software Engineering
 - Tech Tools & Solutions
 - Web Applications
 - Features & Workflow Development
 - Design, Testing & Analytics
 - Team Collaboration
 - Strategic Planning & Resolutions
 - Customer & User Experience
 - Coaching & Mentoring
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PROFESSIONAL EXPERIENCE

PIPESEARCH, AUSTIN, TX, 2022 TO PRESENT

<https://pipesearch.com/>

FRONTEND SOFTWARE ENGINEER

- Unite with team members to build and maintain new requested workflows and features within the platform, in addition to updating and improving codebase using React Hooks and transitioning to Typescript.
- Implement comprehensive initial testing on the frontend codebase using Jest and setting standards and metrics for code coverage.
- Collaborate regularly with the marketing team for a site redesign, refinement, and clarity using Figma; also, implement finalized designs with mobile consideration and SEO enhancements for the public-facing site.
- Manage and mentor interns, which includes clarifying difficult or abstract features, suggesting more appealing or user-friendly solutions to unrefined workflows and designs, and collaborating and pair-programming with backend developers.
- Integrate frontend interfaces with backend systems and APIs, ensuring seamless communication between the client and server sides.
- Document the frontend codebase, including APIs, libraries, and frameworks used, to facilitate maintenance and onboarding of new team members.
- Stay up-to-date with the latest frontend technologies, tools, and best practices to improve skills and stay competitive in the field.

Technologies used regularly: React, JavaScript, Typescript, Baobab, GitHub, Jira, and AGrid library; Other tech used: Jest and Figma.

CORVIA, AUSTIN, TX, 2020 TO 2022

<https://www.corviapay.com/>

FRONTEND SOFTWARE ENGINEER

- Administered frontend of the customer-facing website, incorporating new functionalities using React, Redux, and Jest for testing.
- Integrated external APIs and applications from banking partners, ensuring seamless operations.
- Played a pivotal role in initiating and advancing the development of our company's internal CRM system, catering to various departments like HR, IT, Finance, Compliance, Sales, and Marketing; this also entailed facilitating integration with external APIs and applications from various providers.
- Led the design process for several features of our CRM using Affinity Designer, and additionally engaged in thorough review sessions with Senior staff to refine designs before implementation.
- Participated in on-call duties for AWS alerts periodically, addressing live production issues promptly, as well as troubleshooting deployment issues within AWS for front-end functional testing.

- Engaged in the review of GitHub pull requests from team members, welcoming feedback and suggestions for improvement.

Technologies used regularly: React, JavaScript, Redux, 100% unit test line coverage using Jest, functional test creation using TestCafe, GitHub, AWS, and Jira; Other tech used occasionally: Affinity Designer and Postman.

AGILENT TECHNOLOGIES, AUSTIN, TX, 2015 TO 2020

PRODUCTION SCIENTIST II AND DEVELOPER

- Fulfilled a crucial role in strategizing and developing the internal database system for our local company, facilitating the digital storage of product batch records and technical specifications.
- Led the formulation and rigorous testing of high volumes of buffers, encompassing FISH Assays, Micro Array testing, SureSelect Target Enrichment testing, and sequencing procedures.
- Tasked with implementing standardization measures by formatting and validating instruction forms for each product, ensuring seamless database integration. Leveraged HTML, CSS, JavaScript/jQuery, Excel, and MySQL at the Cedar Creek facility.
- Spearheaded the migration of the company's records to paperless formats, serving as a founding member of the esteemed 'Digital Champions' team.
- Delivered outstanding products to a diverse clientele, including consumers, researchers, and medical professionals, by curating catalogs of bulk materials that surpass scientific testing standards.
- Offered expert technical support and troubleshooting assistance, and additionally conducted internal product testing for items manufactured in-house.

EDUCATION AND CREDENTIALS

CERTIFICATE - FULL STACK WEB DEVELOPER

University of Texas at Austin, Austin, TX

Intensive 24-week long boot camp dedicated to designing and building web applications using the industry's most impactful programming languages and technologies

BACHELOR OF SCIENCE IN BIOLOGY

Baylor University, Waco, TX

Emphasis in Pre-Medicine; Minor in Forensics

ADDITIONAL INFORMATION

Technical Proficiencies: React, Redux, Baobab, Jest, Testcafe, SCSS, JavaScript, Typescript, Node.JS, APIs, JSON, TDD, AWS

Interests: Knitting, crocheting, sewing, drawing (traditional and digital), playing games (video and board games), reading, gardening, baking, traveling and hiking