

Diego Alves

Boston | creativediego@gmail.com | (617) 682-0455

Education

Northeastern University, MS in Computer Science – Boston, MA

- **Coursework:** Full Stack Web Development, Cybersecurity, Networking, Databases, UX HCI, AWS DevOps, Algorithms

University of Massachusetts, BA in Software Technical Writing, English – Amherst, MA

University of Massachusetts, BA in Linguistics – Amherst, MA

Experience

Full Stack Software Engineer, Attitude Fashion – Boston, MA Mar 2019 – present

- Develop scalable full-stack solutions for ecommerce store, increasing SEO ranking, user engagement by 40%, and organic sales by 30%.
- Build and optimize APIs, including an Amazon cross-selling integration that doubled online sales.
- Build custom apps with React, Prisma, GraphQL, and SQL to enhance the store functionality.
- Write Python scripts to generate AI-driven solutions, improving store content and automating key processes.
- Collaborate on code reviews, unit testing, and agile development to deliver robust, maintainable applications.
- Deploy solutions with Docker and AWS, ensuring scalability and reliability in production environments.
- Collaborate with designers to integrate research-driven UI prototypes into performant, user-friendly interfaces.

Front End Engineer, UX Engineer, Illumina – San Diego, CA Nov 2017 – Mar 2019

- Contributed to the agile development of a React-based app that automated the creation of DNA protocols, improving workflow efficiency by 25%.
- Built a technical documentation validator using jQuery, improving documentation accuracy by 30%.
- Built prototypes in Figma and directed usability interviews, uncovering key insights and recommendations to boost navigational efficiency, user-friendliness, and adaptability of apps.
- Authored technical documentation for DNA sequencing workflows using HTML, XML, CSS, and JavaScript, making complex protocols accessible to a global audience of scientists.

Front End Developer, Lead Technical Writer, Rediker Software – Hampden, MA June 2013 – Nov 2017

- Developed web app in JavaScript, HTML, CSS, and XML, providing customers with seamless access to e-learning resources and enhancing engagement by 40% through usability tests.
- Led a team of technical writers to produce over 1000 e-learning resources for school software, resulting in a 30% reduction in tech support calls, greater user retention, and improved overall satisfaction.

Projects

Full Stack Social Media Web Application React, Redux, TypeScript, Node Express REST API, Sockets for live chat, MongoDB, Docker, and AWS

Full Stack Invoice Manager with Angular, Spring Boot, SQL, and AWS

Python Content Delivery Network to Efficiently deliver wikipedia articles

Skills

Languages: JavaScript, Python, Java, TypeScript, C, SQL, NoSQL, GraphQL HTML, CSS/SCSS, Liquid

Frameworks & Libraries: React, Next.js, Spring Boot, Node, Express.js, jQuery, Tailwind, Bootstrap

Technologies: Linux, Git, JIRA, Vim, AWS, MongoDB, MySQL, Firebase, Linux, Figma, WordPress, Google Analytics