

Michael Calayo

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Full Stack Software Engineer | React & Next.js Specialist | AWS Certified

An innovative Software Engineer with experience in building high performance web applications on React, Next.js and TypeScript. Learned of building scalable and reusable components, SEO optimization and improving UI/UX through current design principles and agile methodologies. Shown to work collaboratively in cross-functional teams to develop leading edge digital experiences. AWS Certified Cloud Practitioner with API development, automated testing and cloud technology experience. Passionate about creating seamless, efficient, and user-centric applications.

Technical Skills

AWS Certified Cloud Practitioner, March 2023

Languages & Frameworks: JavaScript | TypeScript | React.js | Node.js | Express.js | Next.js | Python | Java | SQL

Tools & Technologies: Cypress | Jest | React Testing Library | Tailwind CSS | HTML | CSS | SEO | AWS S3 | DynamoDB | Datadog | Figma | Git | Agile methodologies | Elasticsearch | OpenSearch

Work Experience

CoStar Group | Washington DC

July 2022 – Present

Full Stack Software Engineer

Developed high-performance, server-side rendered web applications using Next.js, with an emphasis on SEO optimization through React Server Components. Designed and implemented reusable TypeScript React components to improve scalability and maintainability while collaborating with cross-functional teams to enhance user experience and interaction flows. Helped a company wide design system with Tailwind CSS, and made sure that UI stability was covered by automated testing frameworks, and made sure that Agile development was without a hitch through sprint planning and code reviews. Worked with engineers, product managers, designers, and business analysts to develop technical strategies and evolve component designs.

- Led the integration of Jest and Cypress testing of React components, significantly improving test coverage and UI stability.
- Created detailed sitemaps for costar.com and businessimmo.com, enhancing SEO performance through article indexing.
- Designed and built a custom news article UI using React and Tailwind CSS, improving content presentation and accessibility.
- Played a key role in the frontend and backend development of businessimmo.com ahead of its May 2024 launch, ensuring seamless integration and performance.
- Developed and optimized API endpoints for news article data retrieval, improving content delivery speed on costar.com.
- Created and maintained UI components for costar.com's homepage and news section, enhancing visual consistency and user engagement.

PhoenixNAP | Phoenix, AZ

July 2021 – August 2021

Software Developer Intern

Developed Python plugin to automate provisioning tasks within PhoenixNAP's API using Cloudify Software and GUI.

- Utilized BASH commands to initiate and validate functionality of developed plugin.

Education

Bachelor of Business Administration in Computer Information Systems, James Madison University