Byron Beasley

Senior Software Engineer

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SUMMARY

9+ years of experience in delivering high-quality web applications. Deeply knowledgeable in JavaScript libraries and frameworks - React, React Native, Next.js, and Node.js. Spearheaded problem-solving skills and strong ability to multitask in a fast-paced environment. Detail-oriented professional with exceptional communication, interpersonal, and creative thinking skills.

EXPERIENCE

Senior Software Engineer (Front End)   04/2020 - Present
Wipro

- Successfully deployed and maintained large-scale web and mobile applications for Fortune 500 clients, such as Abbott and Enterprise League, utilizing modern JavaScript libraries and techniques, including React, React Native, and Node.js.
- Developed and launched an Enterprise League platform that boosts the growth of startups and small businesses, resulting in 350% faster growth and a user base of 10K+ within 6 months.
- Drove the front-end development of a large-scale healthcare app that enables customers to effectively manage their stress mainly using React, React Native, and TypeScript, resulting in 25K+ activity engagement in the first 12 months.
- Built visually appealing and pixel-perfect UI/UX leveraging Figma, React, MUI, and Tailwind CSS as well as various data visualization tools like Chart.js and Three.js.
- Migrated React.js application to Next.js server-side rendering framework to optimize page load speed and SEO, leveraging additional caching and compressing techniques for further optimization.
- Contributed to the development of hybrid mobile apps using React Native, deploying my technical expertise to create high-performance, user-friendly, and dependable products.
- Followed TDD approach with a robust testing coverage of over 75%, utilizing Jest and React Testing Library for unit testing, and Cypress for end-to-end testing.
- Took initiative in mentoring junior and mid-level engineers to learn and apply industry-leading practices in front-end development.
- Thrived in a fast-paced, high-pressure software development lifecycle, utilizing agile-scrum methodology with a diverse group of senior engineers distributed across multiple locations.

Senior Software Engineer (Full Stack)   12/2016 - 03/2020
Instagram

- Designed and implemented Instagram-specific customer-facing features such as shopping, stories highlight and messenger chat service utilizing TypeScript, React, and Django Framework.
- Built and maintained the Instagram Shopping feature, allowing businesses to tag products in their posts, stories, and ads - enabling over 10K businesses and customers worldwide to offer a seamless shopping experience to over 8M users.
- Integrated Facebook's messenger chat service with Instagram, providing users with a single platform to manage both platforms and resulting in an increase in time-on-site of up to 10%.
- Demonstrated proficiency in using React and React Native to create high-performance, 90%+ responsive user interfaces, resulting in an enhanced user experience.
- Optimized browser performance on screens and components that render large quantities of data quickly, providing a smooth and satisfying user experience.
- Developed a backend using Node.js and Python to create the necessary GraphQL APIs, allowing for seamless integration with the React.js and React Native frontend.
- Deployed robust and secure RESTful and GraphQL APIs on a serverless platform using AWS AppSync, AWS Lambda, API Gateway, and CloudFront.
- Led testing strategy by implementing Cypress for end-to-end tests, React Testing library and Jest for integration and unit tests, reducing the number of bugs reported by 80%.
- Collaborated closely with other engineering teams to design and implement innovative features that resulted in a user feedback rating of 4.8.

SKILLS

React · React Native · Redux Toolkit ·
JavaScript · TypeScript · Next.js · MUI ·
Tailwind CSS · Front End Development ·
Node.js · Express.js · Microservice ·
Python · Django · Flask · RESTful API ·
GraphQL · C# · .NET Framework ·
Full Stack Development · SQL · NoSQL ·
Database · Azure · AWS services ·
Web Services · TDD · Jest · Cypress ·
React Testing Library · Jasmine ·
Mocha · CI/CD · Agile · Mentoring

EXPERIENCE

Software Engineer (Web/Mobile)   10/2014 - 12/2016
Ford Motor Company

- Migrated a large-scale legacy PHP/WordPress website to efficient React-based solutions for Ford Motor's E-commerce Marketplace Portal, resulting in a 120% increase in user interactivity, performance, and productivity.
- Gained technical knowledge and practical coding experience through code pairing sessions in web technologies such as React and JavaScript.
- Collaborated and communicated with cross-functional teams to guarantee successful and timely delivery of the product on the E-commerce Marketplace.

EDUCATION

Bachelor's Degree, Computer Science   09/2010 - 08/2014
The Hong Kong University of Science and Technology